

Title: **Dermoscopy of bacterial, viral and fungal skin infections: a systematic review of the literature**

Short title: **Dermoscopy of bacterial, viral and fungal infections**

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Supplemental Table. Analytical summary of published study and dermoscopic features about bacterial, viral and fungal skin infections

<b>Dermatoses</b>	<b>Studies (First author, year and corresponding reference)</b>	<b>Dermoscopic findings (prevalence in percentage)</b>	<b>Corresponding terminology based on <i>International Dermoscopy Society</i> consensus paper</b>	<b>Histological correlates</b>	<b>Dermoscopic setting (polarized or not/magnification)</b>	<b>Cases (n)</b>	<b>Type of study</b>	<b>Level of evidence</b>
Leprosy								
Borderline tuberculoid	Ankad B, <i>et al.</i> 2017 <sup>13</sup>	<ul style="list-style-type: none"> <li>- White areas (100%)</li> <li>- Decreased density of hairs (NS)</li> <li>- Yellow globules (66.7%)</li> <li>- Decreased white dots (50%)</li> <li>- Branching vessels (33.3%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless areas</li> <li>- NA</li> <li>- Yellow globules</li> <li>- NA</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized-nonpolarized/NS	12	CS	V
	Vinay K, <i>et al.</i> 2019 <sup>11</sup>	<ul style="list-style-type: none"> <li>- Structureless yellowish-orange areas (NS)</li> <li>- Branching and anastomosing vessels</li> <li>- Paucity of appendageal structures</li> <li>- Diminished pigment network</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow structureless areas</li> <li>- Linear vessels with branches</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granulomas</li> <li>- Increased dermal vasculature</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x10	12	CS	V
	Chopra A, <i>et al.</i> 2019 <sup>15</sup>	<ul style="list-style-type: none"> <li>- White areas (NS)</li> <li>- Partial loss of hair follicles (NS)</li> <li>- Yellow globules (NS)</li> <li>- Absence of white dots (NS)</li> <li>- Lack of blood vessels (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless areas</li> <li>- NA</li> <li>- Yellow globules</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Eccrine gland openings</li> <li>- NS</li> <li>- Sebaceous units in absence of hair follicles</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x16	10	CS	V
	Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Yellowish-orange structureless areas</li> <li>- Small branching vessels</li> <li>- Patchy loss of pigment network</li> <li>- Diminished appendages</li> <li>- Yellow dots and globules</li> <li>- Violaceous to erythematous background</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/orange structureless areas</li> <li>- Linear vessels with branches</li> <li>- NA</li> <li>- NA</li> <li>- Yellow dots/globules</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Elongated dermal granuloma</li> <li>- Vascular dilation</li> <li>- NS</li> <li>- Periappendageal granuloma</li> <li>- Pilosebaceous unit dilation</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x10	29	CS	V
Tuberculoid	Vinay K, <i>et al.</i> 2019 <sup>11</sup>	<ul style="list-style-type: none"> <li>- Central yellowish white structureless areas (NS)</li> <li>- Surrounding zone of erythema</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/white structureless areas</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granuloma</li> <li>- Increased and dilated blood vessels</li> </ul>	Polarized/x10	2	CS	V

Borderline lepromatous	Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Linear branching vessels</li> <li>- Broken pigmentary network</li> <li>- Lesional loss of hair follicles and eccrine gland openings</li> </ul>	<ul style="list-style-type: none"> <li>- Linear vessels with branches</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x10	4	CS	V
	Vinay K, <i>et al.</i> 2019 <sup>11</sup>	<ul style="list-style-type: none"> <li>- Orangish yellow areas (NS)</li> <li>- White structureless areas</li> <li>- Peripheral erythema</li> <li>- Telangiectatic vessels</li> <li>- Moderate loss of hair follicles, absence of white dots, relative sparing of vellus hair</li> <li>- Extensive loss of pigment network</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/orange structureless area</li> <li>- White structureless area</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granulomas</li> <li>- Dermal granulomas</li> <li>- NS</li> <li>- Dilated peripheral vessels</li> <li>- Periappendageal granuloma</li> <li>- Damage to melanocytes</li> </ul>				
	Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Broken and loss of pigmentary network (NS)</li> <li>- Linear chrysalis like structures</li> <li>- Relative paucity of appendages and hair follicles</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>				
Lepromatous	Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Loss of pigment network with focal areas of hyperpigmentation (NS)</li> <li>- White shiny streaks</li> <li>- Relative sparing of appendages</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granuloma</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x10	19	CS	V
	Vinay K, <i>et al.</i> 2019 <sup>11</sup>	<ul style="list-style-type: none"> <li>- Yellowish-orange areas (NS)</li> <li>- Dilated branching vessels</li> <li>- Diminished hair follicles with preserved eccrine ducts</li> </ul>	<ul style="list-style-type: none"> <li>- Structureless yellow/orange areas</li> <li>- Linear vessels with branches</li> <li>- NS</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>				
	Miola AC, <i>et al.</i> 2020 <sup>17</sup>	<ul style="list-style-type: none"> <li>- Diffuse yellow coloration (100%)</li> <li>- Discrete brownish halo in the center (100%)</li> <li>- Scarring nacreous center (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Structureless yellow areas</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Xanthomization of Virchow cells</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V

Type 1 reaction	Kansal N, <i>et al.</i> 2020 <sup>16</sup>	<ul style="list-style-type: none"> <li>- Heteromorphic telangiectasias more concentrated peripherally (100%)</li> <li>- Diffuse reddish-brown background (100%)</li> <li>- Multiple ill-defined orange-brown globules at places (100%)</li> <li>- Central whitish streaks (100%)</li> <li>- Multiple arborizing vessels in periphery</li> </ul>	<ul style="list-style-type: none"> <li>- Peripheral linear vessels with branches</li> <li>- NA</li> <li>- Orange/Brown globules</li> <li>- NA</li> <li>- Peripheral linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- Vascular ectasia</li> <li>- NS</li> <li>- NS</li> <li>- Whorled arrangement of histiocytes</li> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
	Chopra A, <i>et al.</i> 2019 <sup>15</sup>	<ul style="list-style-type: none"> <li>- Patchy xerosis (NS)</li> <li>- White scaling (NS)</li> <li>- Hypotrichosis (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- White scales</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Loss of skin appendages and epidermal atrophy</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x16	10	CS	V
	Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Yellowish orange structureless areas (NS)</li> <li>- Shiny skin</li> <li>- Yellowish globules</li> <li>- Sparse appendages</li> <li>- Accentuation of normal reticular pigment</li> <li>- Xerosis</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow orange structureless areas</li> <li>- NA</li> <li>- Yellow globules</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granuloma, loosely formed, diffuse</li> <li>- Epidermal atrophy</li> <li>- Periadenexal inflammation</li> <li>- Increased melanin in basal layer</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x10	17	CS	V
	Vinay K, <i>et al.</i> 2019 <sup>11</sup>	<ul style="list-style-type: none"> <li>- Greyish white semi-adherent scales (NS)</li> <li>- Prominent keratinous plugs</li> </ul>	<ul style="list-style-type: none"> <li>- White scales</li> <li>- Follicular plugs</li> </ul>	<ul style="list-style-type: none"> <li>- Lesional hyperkeratosis</li> <li>- NS</li> </ul>	Polarized/x10	3	CS	V
	Jha AK, <i>et al.</i> 2020 <sup>18</sup>	<ul style="list-style-type: none"> <li>- Yellowish-orange areas (42.85%)</li> <li>- Reddish-orange areas (57.14%)</li> <li>- Vessels: arborizing, fine short linear (71.4%), linear blurry (28.57%)</li> <li>- White scales (7.14%)</li> <li>- White structureless areas (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/orange structureless areas</li> <li>- NA</li> <li>- Vessels: linear, linear with branches</li> <li>- White scales</li> <li>- White structureless areas</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x10	14	CS	V

Type 2 reaction	Chopra A, <i>et al.</i> 2019 <sup>15</sup>	<ul style="list-style-type: none"> <li>- Diffuse erythematous background (NS)</li> <li>- Branching telangiectatic vessels (NS)</li> <li>- Sparse hair follicles (NS)</li> <li>- Scaling (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Linear vessels with branches</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x16	10	CS	V
	Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Intense erythema (NS)</li> <li>- Large telangiectatic vessels</li> <li>- Scaling: triangular, star shaped silvery white</li> <li>- Follicular plugs</li> <li>- White globules</li> <li>- Accentuation of normal skin markings</li> <li>- Violaceous to brown perifollicular and periappendageal pigmentation</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- White scaling</li> <li>- Follicular plugs</li> <li>- White globules</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Inflammation around dermal granulomas</li> <li>- Vascular dilation</li> <li>- Hyperkeratosis</li> <li>- Hyperkeratosis</li> <li>- Dermal edema</li> <li>- Hyperkeratosis</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x10	7	CS	V
	Vinay K, <i>et al.</i> 2019 <sup>11</sup>	<ul style="list-style-type: none"> <li>- Blanching erythema (NS)</li> <li>- Vascular structures</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x10	3	CS	V
	Chopra A, <i>et al.</i> 2019 <sup>15</sup>	<ul style="list-style-type: none"> <li>- Branching blood vessels</li> <li>- Hyperpigmentation</li> <li>- Scaling and xerosis</li> </ul>	<ul style="list-style-type: none"> <li>- Linear vessels with branches</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized-nonpolarized/x16	10	CS	V
	Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Increased erythema (NS)</li> <li>- Vascular dilation (NS)</li> <li>- Red dots (NS)</li> <li>- BL and LL dermatoscopic features</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Marked vascularity</li> <li>- NS</li> <li>- NS</li> <li>- Loosely formed granuloma</li> </ul>	Polarized-nonpolarized/x10	9	CS	V
Histoid leprosy	Ankad B, <i>et al.</i> 2017 <sup>19</sup>	<ul style="list-style-type: none"> <li>- Structureless white areas (100%)</li> <li>- Rim of brownish hyperpigmentation (100%)</li> <li>- Linear branching vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Structureless white areas</li> <li>- NA</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- Whorled arrangement of spindle-shaped histiocytes in the granuloma</li> <li>- Color of the skin type</li> <li>- NS</li> </ul>	Polarized/NS	1	CR	V

Vinay K, <i>et al.</i> 2019 <sup>11</sup>	<ul style="list-style-type: none"> <li>- Well circumscribed dome shaped yellowish brown nodules (NS)</li> <li>- Crown vessels over the margin</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow structureless areas</li> <li>- Peripheral linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x10	2	CS	V
Acharya P, <i>et al.</i> 2019 <sup>20</sup>	<ul style="list-style-type: none"> <li>- Shiny white structures (100%): shiny white area, crystalline lines, and rosettes</li> <li>- Vessels: linear branching vessels (100%) and hairpin vessels (25%)</li> <li>- Yellowish-brown to pink background (NS)</li> <li>- Orange-yellow areas (100%)</li> <li>- Perilesional brown pigmentation (75%)</li> <li>- Scaling (50%)</li> <li>- Follicular plugs (50%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Linear vessels with branches, linear curved vessels</li> <li>- NA</li> <li>- Yellow/orange structureless areas</li> <li>- NA</li> <li>- White scales</li> <li>- Follicular plugs</li> </ul>	<ul style="list-style-type: none"> <li>- Fibrotic dermal changes</li> <li>- Upward displacement of the dilated vessels by underlying granulomas</li> <li>- NS</li> <li>- Dermal granuloma</li> <li>- Colour of hyperpigmented skin type</li> <li>- Hyperkeratosis</li> <li>- NS</li> </ul>	Polarized/x10	4	CS	V
Mathur M, <i>et al.</i> 2019 <sup>21</sup>	<ul style="list-style-type: none"> <li>- Central whitish-yellow structureless area (100%)</li> <li>- Peripheral hyperpigmentation (100%)</li> <li>- Crown vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Abadias-Granado I, <i>et al.</i> 2020 <sup>22</sup>	<ul style="list-style-type: none"> <li>- Yellowish-orange structureless areas (100%)</li> <li>- Shiny white structures (100%)</li> <li>- Peripheral hyperpigmentation (100%)</li> <li>- Vessels: crown, linear branching (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/orange structureless areas</li> <li>- NA</li> <li>- NA</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granulomas</li> <li>- Fibrous tissue strands</li> <li>- Prototype of patient</li> <li>- Upward displacement of vessels by underlying granulomas</li> </ul>	Polarized/x10	1	CR	V
Mohta A, <i>et al.</i> 2021 <sup>14</sup>	<ul style="list-style-type: none"> <li>- Yellowish orange structureless areas (NS)</li> <li>- Central hypopigmented, blanchable dome-shaped structures (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/orange structureless area</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Expansile granuloma with spindle-shaped cells</li> <li>- NS</li> </ul>	Polarized-nonpolarized/x10	4	CS	V

		<ul style="list-style-type: none"> <li>- Crystalline lines, shiny white areas (NS)</li> <li>- Crown vessels (NS)</li> <li>- Central umbilication with central white dots and keratotic plugs (NS)</li> <li>- Perilesional hyperpigmentation (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Linear vessels with branches</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal fibrosis</li> <li>- Upwardly displaced dilated vessels</li> <li>- Transepidermal elimination</li> <li>- NS</li> </ul>				
Syphilis								
Condyloma lata	Ikeda E, <i>et al.</i> 2016 <sup>26</sup>	<ul style="list-style-type: none"> <li>- Red to milky-red globules at periphery and glomerular vessels in the center (100%)</li> <li>- Whitish-pink network on the raised border (100%)</li> <li>- Yellowish structureless areas at periphery and multiple white, small, round structures in the center (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Peripheral dotted vessels</li> <li>- NA</li> <li>- Yellow structureless areas at periphery</li> </ul>	<ul style="list-style-type: none"> <li>- Vascular dilation</li> <li>- Prominent acanthosis</li> <li>- Macerated horny layer and keratin plugs</li> </ul>	NS/NS	1	CR	V
Palmo-plantar syphiloderm	Tognetti L, <i>et al.</i> 2017 <sup>23</sup>	<ul style="list-style-type: none"> <li>- Diffuse, yellowish red background (100%)</li> <li>- Diffuse monomorphic dotted and glomerular vessels (100%)</li> <li>- Circular, scaling edge in outward direction surrounded by erythematous halo (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Orange structureless areas</li> <li>- Uniform dotted vessels</li> <li>- Specific clue</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Errichetti E, <i>et al.</i> 2017 <sup>24</sup>	<ul style="list-style-type: none"> <li>- Orangish background 100%)</li> <li>- Thin, annular whitish scaling edge progressing outward with surrounding erythematous halo (100%)</li> <li>- Peripheral, vaguely telangiectatic vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Orange structureless areas</li> <li>- Specific clue</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal hemosiderin deposition</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
Penile annular syphiloderm	Li FG, <i>et al.</i> 2020 <sup>27</sup>	<ul style="list-style-type: none"> <li>- Peripheral, dotted and short linear vessels (100%)</li> <li>- White scaling (100%)</li> <li>- Clear central area (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Peripheral, dotted and linear vessels</li> <li>- Peripheral white scales</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x30	1	CR	V

Secondary syphilis	Wang Q, <i>et al.</i> 2021 <sup>28</sup>	<ul style="list-style-type: none"> <li>- Linear-irregular, hairpin vessels (100%)</li> <li>- White scales (100%)</li> <li>- Whitish/yellowish background (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Linear curved vessels</li> <li>- Patchy, white scales</li> <li>- Yellow structureless areas</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x60	1	CR	V
	Mathur M, <i>et al.</i> 2019 <sup>25</sup>	<ul style="list-style-type: none"> <li>- Scaling within skin furrows (100%)</li> <li>- Peripheral scaling with relatively clear central area (100%)</li> <li>- Central, ill-defined darker area fading towards periphery (100%)</li> <li>- Orange color (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White scales</li> <li>- Specific clue</li> <li>- NA</li> <li>- Orange structureless area</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x20	1	CR	V
Lupus vulgaris	Brasiello M, <i>et al.</i> 2009 <sup>29</sup>	<ul style="list-style-type: none"> <li>- Orange yellowish areas (100%)</li> <li>- Linear branching vessels (100%)</li> <li>- White reticular streaks (50%)</li> <li>- Milia-like cysts (50%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/orange structureless areas</li> <li>- Linear vessels with branches</li> <li>- NA</li> <li>- Yellow dots</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	4	CS	V
	Lallas A, <i>et al.</i> 2014 <sup>30</sup>	<ul style="list-style-type: none"> <li>- Orange yellowish areas (93.8%)</li> <li>- Linear branching vessels (100%)</li> <li>- White scales (25%)</li> <li>- Pigmentation structures (12.5%)</li> <li>- Follicular plugs (6.2%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/orange structureless areas</li> <li>- Linear vessels with branches</li> <li>- White scales</li> <li>- NA</li> <li>- Follicular plugs</li> </ul>	<ul style="list-style-type: none"> <li>- Granulomas</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	16	CC	IV
	Bombonato C, <i>et al.</i> 2015 <sup>31</sup>	<ul style="list-style-type: none"> <li>- Orange yellowish areas (100%)</li> <li>- Linear branching vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow structureless areas</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granulomas</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Ankad BS, <i>et al.</i> 2020 <sup>32</sup>	<ul style="list-style-type: none"> <li>- Yellowish-white globules (100%)</li> <li>- Pinkish-red background (100%)</li> <li>- Reddish globules (84.21%)</li> <li>- Vessels (84.21%): dotted and linear</li> <li>- Ulceration (26.3%)</li> <li>- White structureless areas (100%)</li> <li>- Scaling-white/yellow scales (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/white globules</li> <li>- NA</li> <li>- NA</li> <li>- Dotted and linear vessels</li> <li>- NA</li> <li>- White structureless areas</li> <li>- White and yellow scales</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granulomas</li> <li>- Widespread vasodilatation</li> <li>- Tips of ectatic papillary loops</li> <li>- Tips of normal vertical papillary loops and ectatic subpapillary capillary plexus</li> <li>- Epidermal, dermal erosions</li> <li>- Acanthosis and dermal fibrosis</li> <li>- Hyperkeratosis and/or parakeratosis</li> </ul>	Polarized/x10	19	CS	V



		<ul style="list-style-type: none"> <li>- White shiny streaks (31.5%)</li> <li>- Follicular plugs (21.05%)</li> <li>- Patulous follicles (15.7%)</li> <li>- Bluish hue (10.5%)</li> </ul>	<ul style="list-style-type: none"> <li>- White lines</li> <li>- Follicular plugs</li> <li>- NA</li> <li>- Blue structureless areas</li> </ul>	<ul style="list-style-type: none"> <li>- Orientation of collagen bundles in different angles in the dermis</li> <li>- Keratotic material in follicular infundibulum</li> <li>- Infundibulum dilatation</li> <li>- Orthokeratosis</li> </ul>				
Tuberculosis verrucosa cutis	Jakhar D, <i>et al.</i> 2021 <sup>34</sup>	<ul style="list-style-type: none"> <li>- Yellowish to reddish background (100%)</li> <li>- Papillated surface (100%)</li> <li>- Dirty white thick scales (100%)</li> <li>- Yellow orange globular areas (100%)</li> <li>- Irregularly dilated vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellowish structureless areas</li> <li>- NA</li> <li>- White scales</li> <li>- Yellow/orange globules</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Epithelioid cell granuloma</li> <li>- Papillomatosis</li> <li>- Hyperkeratosis</li> <li>- Epithelioid cell granuloma</li> <li>- Cytokine release, reactive oxygen species, and angiogenesis</li> </ul>	Polarized/x10-x50	1	CR	V
Lichen scrofulosorum	Jassi R, <i>et al.</i> 2020 <sup>35</sup>  Garg T, <i>et al.</i> 2021 <sup>36</sup>	<ul style="list-style-type: none"> <li>- Pale round monomorphic grouped perifollicular dots (100%)</li> <li>- Central brown follicular plug (100%)</li> <li>- Marginal rim of fine white scaling (50%)</li> <li>- Extensive scaling (50%)</li> <li>- Marginal hyperpigmentation (50%)</li> <li>- Follicular and perifollicular lesions (100%)</li> <li>- Central brown clod(100%)</li> <li>- Halo of pallor (100%)</li> <li>- Telangiectasis (100%)</li> <li>- Rim of fine white scales (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Perifollicular white colour</li> <li>- Follicular plug</li> <li>- Peripheral white scales</li> <li>- Diffuse white scales</li> <li>- Perifollicular hyperpigmentation</li> <li>- NA</li> <li>- NA</li> <li>- Perifollicular white colour</li> <li>- NA</li> <li>- Peripheral white scales</li> </ul>	<ul style="list-style-type: none"> <li>- Granulomatous infiltration in the perifollicular lesion</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x10  Polarized/x170	2  1	CR  CR	V  V
<i>Mycobacterium marinum</i> infection	Conforti C, <i>et al.</i> 2019 <sup>37</sup>	<ul style="list-style-type: none"> <li>- Whitish area (50%)</li> <li>- Surrounding erythematous background (50%)</li> <li>- Purplish background (50%)</li> <li>- Multiple structured orangish rounded areas</li> <li>- Crown-shaped looped vessels (50%)</li> <li>- Fine scaling (50%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless areas</li> <li>- NA</li> <li>- Purple structureless areas</li> <li>- Orange structureless areas</li> <li>- Linear vessels with branches</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Tuberculoid granuloma in the dermis</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V

		<ul style="list-style-type: none"> <li>- Dotted vessels (50%)</li> <li>- Orange-whitish central areas with looped concentric vessels (50%)</li> </ul>	<ul style="list-style-type: none"> <li>- Dotted vessels</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>				
Peruvian wart	Durand D, <i>et al.</i> 2017 <sup>38</sup>	<ul style="list-style-type: none"> <li>- Vascular component</li> <li>- Circular scale (NS)</li> <li>- Vascular component with central depression (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Peripheral white scale</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Staphylococcal scalded skin syndrome	Miyashita K, <i>et al.</i> 2016 <sup>39</sup>	<ul style="list-style-type: none"> <li>- Skin exfoliation still having an epidermis with less leachate (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CR	V
Pitted keratolysis	Lockwood LL, <i>et al.</i> 2010 <sup>40</sup>	<ul style="list-style-type: none"> <li>- Multiple 2-3 mm crater-like shallow pits having heterogeneous architecture (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/x10	1	CR	V
	Pattanaprichakul P, <i>et al.</i> 2021 <sup>41</sup>	<ul style="list-style-type: none"> <li>- Pits of various sizes and configuration (88.1%)</li> <li>- Interrupted dermatoglyphic lines (89.2%)</li> <li>- Bead sign (21.6%)</li> <li>- White opaques (23.8%)</li> <li>- Black or brown opaques (7.1%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Defects in stratum corneum</li> <li>- Defects in stratum corneum</li> <li>- Presence of bacteria</li> <li>- Parakeratosis</li> <li>- Parakeratosis</li> </ul>	NS/NS	42	CS	V
Folliculitis								
Common folliculitis	Durdu M, <i>et al.</i> 2019 <sup>42</sup>	<ul style="list-style-type: none"> <li>- Central round pustule (50.9%)</li> <li>- Peripheral sparse dotted vessels (50.9%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Peripheral dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	55	CC	IV
Pseudomonas folliculitis	Errichetti E, <i>et al.</i> 2016 <sup>43</sup>	<ul style="list-style-type: none"> <li>- Pinkish background (100%)</li> <li>- Paler centre</li> <li>- Central vellus hair (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Remarkable edema</li> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
Trichobacteriosis	Guiotoku MM, <i>et al.</i> 2012 <sup>44</sup>	<ul style="list-style-type: none"> <li>- Waxy and yellowish adherent nodules and concretions (flame like) localised along the entire length of the hair of the axilla (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
	Salim G, <i>et al.</i> 2014 <sup>45</sup>	<ul style="list-style-type: none"> <li>- Waxy and yellowish adherent nodules and concretions localised along the entire length of the hair of the axilla, with a global aspect</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CR	V

	Rojas Mora, <i>et al.</i> 2016 <sup>46</sup>	<ul style="list-style-type: none"> <li>- of a flame, skewer or plume (100%)</li> <li>- Soft, yellowish-white, irregular masses around the hairs, some forming white concretions with a brush-like or feathery appearance (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Almazán-Fernández FM, <i>et al.</i> 2017 <sup>47</sup>	<ul style="list-style-type: none"> <li>- White-yellowish concretions on the hair shafts (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
	Larrondo J, <i>et al.</i> 2017 <sup>48</sup>	<ul style="list-style-type: none"> <li>- Multiple yellow-creamy concretions (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
	Gupta V, <i>et al.</i> 2018 <sup>49</sup>	<ul style="list-style-type: none"> <li>- Golden yellow concretions encasing several hair shafts (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
	Lacarrubba F, <i>et al.</i> 2019 <sup>50</sup>	<ul style="list-style-type: none"> <li>- Waxy and yellowish/whitish adherent aggregates forming a sheath surrounding the axillary hair shaft (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x10	2	CR	V
Warts								
Genital Warts	Ozdemir F, <i>et al.</i> 2008 <sup>59</sup>	<ul style="list-style-type: none"> <li>- Brain like pattern: Exophytic papillary structures (some with jet black pigmentation) (100%)</li> <li>- Red dots (some surrounded by a whitish halo) (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Haemorrhages in parakeratotic column (black pigmentation)</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Kim SH, <i>et al.</i> 2009 <sup>51</sup>	<ul style="list-style-type: none"> <li>- Multiple, irregular projections with tapering ends arising from a common base (100%)</li> <li>- Conglomerate vascular structures (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Hyperkeratosis and acanthosis</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Watanabe T, <i>et al.</i> 2010 <sup>52</sup>	<ul style="list-style-type: none"> <li>- Papillomatous, irregular projections outlined by a peripheral whitish band (25%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CR	V



Flat warts	Veasey JV, <i>et al.</i> 2014 <sup>55</sup>	<ul style="list-style-type: none"> <li>- Finger-like pattern (50%)</li> <li>- Knob-like pattern (50%)</li> <li>- Rough aspect in both patterns (100%)</li> <li>- Glomerular vessels at the tip of many projections (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- Dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- Papillomatosis</li> <li>- NS</li> </ul>	Polarized/NS	2	CS	V
	Jiang S, <i>et al.</i> 2017 <sup>56</sup>	<ul style="list-style-type: none"> <li>- Papillary excrescences (100%)</li> <li>- Vascular characteristics (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CS	V
	Zhang Y, <i>et al.</i> 2018 <sup>61</sup>	<ul style="list-style-type: none"> <li>- Papillary warts (75%)</li> <li>- Flat warts (25%)</li> <li>- Vessels: punctate (99.1%), dendritic (24.5%), polymorphic (83.2%), curved (16.4%), annular (24.5%), and hairpin-like (22.7%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- Dotted, linear with branches, and linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	136 patients/220 lesions	CS	V
	Campos MA, <i>et al.</i> 2018 <sup>60</sup>	<ul style="list-style-type: none"> <li>- Grayish dots (100%)</li> <li>- Surrounded white halo (100%)</li> <li>- Blue-white structureless background (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Grey dots</li> <li>- NA</li> <li>- Blue-white structureless area</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	García-Lozano JA, <i>et al.</i> 2020 <sup>58</sup>	<ul style="list-style-type: none"> <li>- Looped vessels along major filiform axis of wart (70%)</li> <li>- Combined vascular features: looped-coiled (30%), dotted-coiled (20%)</li> </ul>	<ul style="list-style-type: none"> <li>- Linear-curved vessels</li> <li>- Combination of linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	10	CS	V
	Seong SH, <i>et al.</i> 2021 <sup>57</sup>	<ul style="list-style-type: none"> <li>- Exophytic papillary appearance: finger-like (50%), knob-like (38.9%), mosaic (5.6%), cerebriform (5.6%)</li> <li>- Whitish halos (94.4%)</li> <li>- Vessels: Hairpin (66.7%), dotted (22.2%), glomerular (22.2%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- Vessels: linear-curved and dotted</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	18	CC	IV
	Vázquez-López F, <i>et al.</i> 2004 <sup>63</sup>	<ul style="list-style-type: none"> <li>- Dots/globular vessels (60%)</li> </ul>	<ul style="list-style-type: none"> <li>- Dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Nonpolarized/x10	5	CS	V
	Kim WJ, <i>et al.</i> 2015 <sup>64</sup>	<ul style="list-style-type: none"> <li>- Even-colored light brown to yellow patch (94.1%)</li> <li>- Comedo-like openings (5.9%)</li> <li>- Dots/globular vessels (47.1%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow to brown structureless area</li> <li>- Follicular plugs</li> <li>- Dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	17	CC	IV

Palmoplantar warts	Hui D, <i>et al.</i> 2017 <sup>65</sup>	<ul style="list-style-type: none"> <li>- Dots or globular vessels (100%)</li> <li>- Light red background (67.3%), light brown to yellow (32.7%)</li> </ul>	<ul style="list-style-type: none"> <li>- Dotted vessels</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/ x20-x50	55	CS	V
	Al Rudaisat M, <i>et al.</i> 2021 <sup>66</sup>	<ul style="list-style-type: none"> <li>- Background: red (61%), red-gray (19.2%), whitish/pale (19%)</li> <li>- Vessels: dotted, linear, and bleeding</li> </ul>	<ul style="list-style-type: none"> <li>- White and red-gray structureless areas</li> <li>- Vessels: dotted, linear, and NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/NS	26	CS	V
	Agarwal M, <i>et al.</i> 2021 <sup>67</sup>	<ul style="list-style-type: none"> <li>- Well-defined (40%)</li> <li>- Brown background (100%)</li> <li>- Presence of papillae/surrounding haloes (50%)</li> <li>- Dotted vessels (10%)</li> <li>- Interrupted skin markings (20%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Brown structureless area</li> <li>- NA</li> <li>- Dotted vessels</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/NS	10	CS	V
	Lee DY, <i>et al.</i> 2009 <sup>69</sup>	<ul style="list-style-type: none"> <li>- Black or red dots (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x30	1	CR	V
	Tanioka M, <i>et al.</i> 2009 <sup>70</sup>	<ul style="list-style-type: none"> <li>- Waved hyperkeratosis (100%)</li> <li>- Tiny dotted vessels</li> <li>- Light brownish background</li> <li>- Pigmented parallel ridge pattern</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Dotted vessels</li> <li>- Brown structureless area</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Arpaia, <i>et al.</i> 2009 <sup>75</sup>	<ul style="list-style-type: none"> <li>- Parallel ridge pattern</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/x20	1	CR	V
	Bae JM, <i>et al.</i> 2009 <sup>71</sup>	<ul style="list-style-type: none"> <li>- Homogenous black to red dots and globules (100%)</li> <li>- Papilliform surface (100%) or interrupted skin lines (100%)</li> <li>- Red linear vessels after trimming (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- Linear vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	38 patients/98 lesions	CS	V
	Kaçar N, <i>et al.</i> 2013 <sup>76</sup>	<ul style="list-style-type: none"> <li>- Pigmented parallel ridge pattern</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/x10	1	CR	V
	Quast DR, <i>et al.</i> 2017 <sup>72</sup>	<ul style="list-style-type: none"> <li>- Multiple, pinhead-sized bleedings, coiled vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Dotted, linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	7	CS	V
	Nirmal B, <i>et al.</i> 2018 <sup>73</sup>	<ul style="list-style-type: none"> <li>- Regularly distributed black dots and globules (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Thrombosis and haemorrhages resulting from dilated vessels within the wart</li> </ul>	NS/NS	1	CR	V

		- Surrounding white halo interrupting the dermatoglyphic pattern of palm: falooda seed appearance (100%)	- NA	- NA				
	Barkat MT, <i>et al.</i> 2018 <sup>74</sup>	- Yellow structureless pattern (NS) - Black dots (NS)	- Yellow structureless area - NA	- NS - Thrombosed vessels	NS/x6	46	CS	V
	Albalat W, <i>et al.</i> 2020 <sup>77</sup>	- Well defined papilliform surface (NS) - Multiple prominent haemorrhages (NS) - Tiny dotted vessels (NS) - Brownish background (NS)	- NA - Purple dots - Dotted vessels - Brown structureless area	- NS - NS - NS - NS	NS/NS	130	CS	V
	Al Rudaisat M, <i>et al.</i> 2021 <sup>66</sup>	Palmar wart - Papillomatous (63%) - Frogspawn appearance (44.4%) - Yellow-gray structureless (11.1%) - Vessels: Dotted (25.9%), linear (11.1%), bleeding (63%) Plantar wart - Papillomatous (60%) - Frogspawn (44%) - Yellow-gray structureless (40%) - Vessels: Dotted (28%), linear (16%), bleeding (76%)	- NA - NA - Yellow-gray structureless area - Vessels: dotted, linear	- NS - NS - NS - NS	Polarized/NS	27	CS	V
	Agarwal M, <i>et al.</i> 2021 <sup>67</sup>	- Well-defined (95%) - Background: Yellow (45%), Brown (30%), and pink (25%) - Presence of papillae/surrounding haloes (55%) - Dotted vessels (60%), globules (25%), and linear vessels (15%) - Interrupted skin markings (100%) - Haemorrhage/crusting (10%)	- NA - Yellow, brown structureless areas - NA - Dotted vessels and linear vessels	- NS - NS - NS - NS	Polarized/NS	25	CS	V
	Hassan SNE, <i>et al.</i> 2021 <sup>78</sup>	- Well-defined yellowish papilliform surface (77%) - Dotted haemorrhages (95.8%) - Interrupted skin lines (100%)	- NA - Brown dots - NA	- NS - NS - NS	Nonpolarized/x10	20	CS	V
						48	CS	V

Common warts (Verruca vulgaris)	Yoong C, <i>et al.</i> 2009 <sup>79</sup>	<ul style="list-style-type: none"> <li>- Mosaic pattern (100%)</li> <li>- Red dotted, looped, coiled vessels (100%)</li> <li>- Shiny white background (100%)</li> <li>- Haemorrhagic crust (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Dotted and linear-curved vessels</li> <li>- White structureless area</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Apical capillaries in papillary dermis</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/NS	1	CR	V
	Li X, <i>et al.</i> 2017 <sup>80</sup>	<ul style="list-style-type: none"> <li>- Mosaic pattern (67.21%)</li> <li>- Exophytic keratotic projection (29.51%): finger-like (14.75%), filiform (11.48%), cone (3.28%)</li> <li>- Knob (4.91%)</li> <li>- Daisy flower pattern (1.64%)</li> <li>- Nonspecific pattern (6.56%)</li> <li>- Vascular structures: dotted (85.25%), linear (27.87%), hairpin (21.31%), coiled (9.84%)</li> <li>- Keratosis: white or yellow network or circle (62.30), white projection (18.03%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- Vessels: dotted, linear, and linear-curved</li> <li>- Scales: white or yellow</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	48 patients/61 lesions	CS	V
	Veasey JV, <i>et al.</i> 2020 <sup>81</sup>	<ul style="list-style-type: none"> <li>- Knob-like pattern (projections of similar diameter and length) (50%)</li> <li>- Thrombosed glomerular capillaries (50%)</li> <li>- Unspecific desquamation (50%)</li> </ul> <p><i>Ex-vivo</i> dermoscopy:</p> <ul style="list-style-type: none"> <li>- Papillomatous and dotted haemorrhagic projection in epidermis (50%)</li> <li>- Pigment in superficial dermis (50%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Purple dots</li> <li>- Diffuse white scales</li> <li>- Purple dots</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Vascular ectasia</li> <li>- NS</li> <li>- Vascular ectasia</li> <li>- NS</li> </ul>	NS/x10-x20	2	CR	V
	Al Rudaisat M, <i>et al.</i> 2021 <sup>66</sup>	<ul style="list-style-type: none"> <li>- Papillomatous (100%)</li> <li>- Frogspawn-like appearance (42.3%)</li> <li>- Finger-like projections (34.6%)</li> <li>- Vessels: dotted (65.8%), linear (65.8%), hairpin-like vessels (15.3%), bleeding (96.1%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- Dotted and linear vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/NS	26	CS	V



	Agarwal M, <i>et al.</i> 2021 <sup>67</sup>	<ul style="list-style-type: none"> <li>- Well-defined (90%)</li> <li>- Background: Yellow (23.23%), brown (43.33%), pink (33.33%)</li> <li>- Presence of papillae/surrounding haloes (21%)</li> <li>- Dotted vessels (33.33%), globules (16.67%), linear (13.33%), loop (6.67%)</li> <li>- Interrupted skin markings (30%)</li> <li>- Haemorrhages/crusting (13.33%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Yellow/brown structureless area</li> <li>- NA</li> <li>- Dotted, linear, linear-curved vessels</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/NS	30	CS	V
	Hassan SNE, <i>et al.</i> 2021 <sup>78</sup>	<ul style="list-style-type: none"> <li>- Grouped papillae (100%)</li> <li>- Dotted or looped vessels (43.75%)</li> <li>- Irregularly distributed haemorrhagic dots or lines (43.75%)</li> <li>- White halo surrounding vessels (15.6%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Dotted or linear-curved vessels</li> <li>- Brown dots</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Nonpolarized/x10	32	CS	V
Molluscum contagiosum	Morales A, <i>et al.</i> 2005 <sup>82</sup>	<ul style="list-style-type: none"> <li>- White-yellow polyglobular amorphous structures in centre (100%)</li> <li>- Crown vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- Inverted lobules of hyperplastic squamous epithelium expanding into dermis separated by fine septae of compressed dermis</li> <li>- Vessels in the dermis</li> </ul>	NS/NS	3	CS	V
	Vázquez-López, <i>et al.</i> 2004 <sup>63</sup>	<ul style="list-style-type: none"> <li>- Red corona (66.7%)</li> </ul>	<ul style="list-style-type: none"> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Non-polarized/x10	15	CS	V
	Zaballos P, <i>et al.</i> 2006 <sup>83</sup>	<ul style="list-style-type: none"> <li>- Polylobular whitish amorphous structure in the centre (100%)</li> <li>- Surrounding crown vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- Lobulated, endophytic epidermal hyperplasia with intracytoplasmic inclusion bodies</li> <li>- Dilated vessels in dermis</li> </ul>	NS/x10	1	CR	V
	Panasiti V, <i>et al.</i> 2008 <sup>93</sup>	<ul style="list-style-type: none"> <li>- Small, whitish discoid area in the center (white target pattern) (100%)</li> <li>- Hairpin vessels in the periphery (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> <li>- Peripheral linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V

	Micali G, <i>et al.</i> 2011 <sup>53</sup>	<ul style="list-style-type: none"> <li>- Polyglobular, yellowish-white, amorphous structure in the centre (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> </ul>	<ul style="list-style-type: none"> <li>- Presence of enlarged cells containing intracytoplasmic inclusions</li> </ul>	NS/x50	1	CR	V
	Inahez M, <i>et al.</i> 2011 <sup>84</sup>	<ul style="list-style-type: none"> <li>- Surrounding crown of linear, fine, sometimes blurred vessels, some of them branching (100%)</li> <li>- Orifice (96.68%)</li> <li>- Vessels (89.1%): crown (22.7%), punctiform (14.7%), radial (8.1%), and mixed (45.74%) [mixed crown and radial pattern (21.8%), flower petal vascular pattern (17.5%), crown+punctiform (2.4%), radial+punctiform (0.9%)]</li> </ul>	<ul style="list-style-type: none"> <li>- Linear vessels with branching</li> <li>- NA</li> <li>- Vessels: linear vessels with branches, dotted vessels, linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Dilated vessels</li> <li>- NS</li> <li>- NS</li> </ul>	Nonpolarized/x10	57 patients/211 lesions	CS	V
	Alfaro-Castellón P, <i>et al.</i> 2012 <sup>96</sup>	<ul style="list-style-type: none"> <li>- Polylobular, white-yellow, amorphous center (100%)</li> <li>- Crown of hairpin vessels in the periphery (100%)</li> <li>- Hardened, central umbilicated core (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> <li>- Peripheral linear-curved vessels</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Mun J, <i>et al.</i> 2013 <sup>97</sup>	<ul style="list-style-type: none"> <li>- Multiple, shiny, white clods</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless areas</li> </ul>	<ul style="list-style-type: none"> <li>- Molluscum bodies in epidermis</li> </ul>	Polarized/NS	1	CR	V
	Kuh SH, <i>et al.</i> 2015 <sup>85</sup>	<ul style="list-style-type: none"> <li>- White structure (97.3%)- roundish (34.1%), polylobular (26.7%), fourleaf clover-like (22.5%), non-specific (14%)</li> <li>- Vessels (91.1%): crown (49.6%), punctiform (7.4%), radial (4.3%), crown+radial (21.7%); crown+punctiform (5%), radial+punctiform (3.1%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> <li>- Linear vessel with branches, dotted vessels, and linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Inverted lobules of acanthotic epidermis</li> <li>- NS</li> </ul>	NS/NS	258 lesions	CS	V
	Zhuang K, <i>et al.</i> 2015 <sup>86</sup>	<ul style="list-style-type: none"> <li>- Smooth, reddish and pink surface with depression in the margin (100%)</li> <li>- Crown vessel (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Linear vessel with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V

Uzuncakmak TK, <i>et al.</i> 2016 <sup>87</sup>	<ul style="list-style-type: none"> <li>- White-yellow structureless area in the center of the of lesion</li> <li>- Increased linear vascularity on the periphery (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White/yellow structureless area</li> <li>- Peripheral linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Oya K, <i>et al.</i> 2018 <sup>88</sup>	<ul style="list-style-type: none"> <li>- Pearly-white amorphous structures (100%)</li> <li>- Surrounding telangiectasia (100%)</li> <li>- Edematous stroma (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless areas</li> <li>- Peripheral linear vessels, linear-curved vessels</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Molluscum bodies that were located in the centre of endophytic epithelial lobules</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Atzori L, <i>et al.</i> 2018 <sup>89</sup>	<ul style="list-style-type: none"> <li>- Central white to yellow amorphous structures (100%)</li> <li>- Peripheral crown of reddish, linear, or pointed vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> <li>- Peripheral linear or dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Demirdag HG, <i>et al.</i> 2019 <sup>98</sup>	<ul style="list-style-type: none"> <li>- Multiple white-yellow clods (100%)</li> <li>- Surrounding fine serpentine vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White/yellow globules</li> <li>- Linear vessels with branches, peripheral</li> </ul>	<ul style="list-style-type: none"> <li>- Lobulated, endophytic epidermal hyperplasia with intracytoplasmic inclusion bodies</li> <li>- Dilated vessels in dermis</li> </ul>	NS/NS	2	CR	V
Pradhan S, <i>et al.</i> 2019 <sup>94</sup>	<ul style="list-style-type: none"> <li>- Smooth, shiny clods (swimming goggle appearance) (100%)</li> <li>- Reddish surface (100%)</li> <li>- Coronary vessels without orifice (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Focal white structureless areas</li> <li>- NA</li> <li>- Linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Nonpolarized and polarized/X40	1	CR	V
Elmas ÖF, <i>et al.</i> 2020 <sup>90</sup>	<ul style="list-style-type: none"> <li>- Polylobular, roundish, white to yellow structures (100%)</li> <li>- Punctiform/dotted and serpentine vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/white focal structureless area</li> <li>- Dotted and linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Sil A, <i>et al.</i> 2020 <sup>91</sup>	<ul style="list-style-type: none"> <li>- Roundish white-to-yellow structures (100%)</li> <li>- Peripheral crown and dotted vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White to yellow focal structureless area</li> <li>- Peripheral linear vessels with branches and dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V

	Elmas ÖF, <i>et al.</i> 2020 <sup>99</sup>	<ul style="list-style-type: none"> <li>- Central yellowish structureless area (100%)</li> <li>- Surrounding thick branched vessels with bulbous ends (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellowish structureless area</li> <li>- Peripheral vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Kumar S, <i>et al.</i> 2020 <sup>100</sup>	<ul style="list-style-type: none"> <li>- Polylobular, pinkish-white, amorphous structure in the centre (100%)</li> <li>- Surrounding crown of vessels that did not cross the centre (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Peripheral linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	1	CR	V
	Śławińska M, <i>et al.</i> 2020 <sup>101</sup>	<ul style="list-style-type: none"> <li>- Larger lesions (&gt;5mm): Yellowish globules of different size and random distribution, separated by smaller, oval-shape white globules;</li> <li>- Polymorphic vessels</li> <li>- Smaller lesions: Central yellow globule or white structureless area</li> <li>- Irregular linear vessels of radial arrangement at periphery</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow globules separated by white globules;</li> <li>- NA</li> <li>- Yellow globules or white structureless area</li> <li>- Peripheral linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Lobulated, endophytic epidermal hyperplasia</li> <li>- Blood vessels tightly surrounding inverted hyperplastic epidermal lobules</li> <li>- Lobulated, endophytic epidermal hyperplasia</li> <li>- Blood vessels tightly surrounding inverted hyperplastic epidermal lobules</li> </ul>	NS/NS	1	CR	V
	Daruwalla SB, <i>et al.</i> 2020 <sup>95</sup>	<ul style="list-style-type: none"> <li>- Extraction dermoscopy: White globular molluscum body with overlying crown vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized-nonpolarized/x50	20 lesions	CS	V
	Monteagudo Sánchez B, <i>et al.</i> 2021 <sup>92</sup>	<ul style="list-style-type: none"> <li>- Central rounded yellowish structure (100%)</li> <li>- Peripheral crown branching vessel (1000%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow structureless area</li> <li>- Peripheral linear vessels with branches</li> </ul>	<ul style="list-style-type: none"> <li>- Inverted lobes of acanthosis epidermis (filled with molluscum bodies)</li> <li>- Peripherally displaced dermal vessels by expanding inverted acanthotic epidermis</li> </ul>	NS/NS	1	CR	V
Orf nodule (Contagious erythema)	Chavez-Alvarez S, <i>et al.</i> 2016 <sup>104</sup>	<ul style="list-style-type: none"> <li>- Central crust(100%)</li> <li>- White structureless areas (100%)</li> <li>- White shiny streaks (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- White structureless areas</li> <li>- White lines</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	1	CR	V



	Alnami A, <i>et al.</i> 2018 <sup>107</sup>	<ul style="list-style-type: none"> <li>- Milky red globules in a linear arrangement on the white background (100%)</li> <li>- Lacunas in periphery and milky red globules in non-linear arrangement (100%)</li> <li>- Central ulceration (100%)</li> <li>- Red-pink clods in a linear configuration (100%)</li> <li>- Surrounding white network (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Viral eosinophilic inclusion bodies</li> <li>- Epidermal acanthosis and hypergranulosis</li> </ul>	NS/NS	1	CR	V
Milker's nodule	Ayhan E, <i>et al.</i> 2017 <sup>102</sup>	<ul style="list-style-type: none"> <li>- Blue-gray area (35%)</li> <li>- Orange-yellow streaks (19.2%)</li> <li>- Grayish-whitish streaks (26.9%)</li> <li>- Central yellow-white area (35%)</li> <li>- Crust (40%)</li> <li>- Erosion-ulceration (55%)</li> <li>- Yellow-white globule (15%)</li> <li>- Yellow-white ring (35%)</li> <li>- Erythema (100%)</li> <li>- Black dot (55%),</li> <li>- Erythematous ring (75%)</li> <li>- Dotted vessels (60%), comma vessels (15%), polymorphic vessels (15%), glomerular vessels (5%), hairpin vessels (15%), milky-red globule (10%)</li> </ul>	<ul style="list-style-type: none"> <li>- Blue-grey structureless area</li> <li>- Orange lines</li> <li>- White lines</li> <li>- Yellow structureless area</li> <li>- NA</li> <li>- NA</li> <li>- Yellow globule</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- Dotted and linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	20 lesions	CR	V
Sporotrichosis	Dabas G, <i>et al.</i> 2019 <sup>109</sup>	<ul style="list-style-type: none"> <li>- Generalized erythema (100%)</li> <li>- Yellowish structureless areas (100%)</li> <li>- Arborizing telangiectasias (100%)</li> <li>- White scar-like areas (100%)</li> <li>- Clustered pustules at periphery (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Yellowish structureless area</li> <li>- Linear vessels with branches</li> <li>- White structureless areas (focal)</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Granulomatous inflammation</li> <li>- Neoangiogenesis</li> <li>- Scarring and fibrosis</li> <li>- Neutrophilic microabscesses</li> </ul>	Polarized/x10	1	CR	V
	Vinay K, <i>et al.</i> 2020 <sup>108</sup>	<ul style="list-style-type: none"> <li>- Yellowish-orange areas (100%)</li> <li>- Diffuse blanchable background erythema (100%)</li> <li>- Superficial haemorrhagic crusting (100%)</li> <li>- Superficial ulceration (75%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow-orange structureless areas</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granulomas</li> <li>- Ongoing inflammation</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x10	4	CS	V

		<ul style="list-style-type: none"> <li>- Yellow tears (25%)</li> <li>- Radiating white streams (25%)</li> <li>- Linear unfocused vessels (75%)</li> </ul>	<ul style="list-style-type: none"> <li>- Follicular plugs</li> <li>- White lines</li> <li>- Linear vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Follicular plugs</li> <li>- Dermal fibrosis</li> <li>- NA</li> </ul>				
Cutaneous blastomycosis	Wang S, <i>et al.</i> 2015 <sup>110</sup>	<ul style="list-style-type: none"> <li>- Thick, overlapping papillomatous structures with a pink vascular hue (100%)</li> <li>- Haemorrhagic crusting (100%)</li> <li>- Scattered thin plates of scale</li> <li>- Irregular vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Elmas O, <i>et al.</i> 2020 <sup>111</sup>	<ul style="list-style-type: none"> <li>- White to pinkish overlapping papillomatous structures (100%)</li> <li>- White and red structureless areas (100%)</li> <li>- Blood spots (100%)</li> <li>- Polymorphous vessels including dotted, coiled, serpentine complex looped vessels with an annular arrangement (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- White structureless area/NA</li> <li>- Purple dots</li> <li>- Dotted and linear-curved vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Tinea nigra	Gupta G, <i>et al.</i> 1997 <sup>112</sup>	<ul style="list-style-type: none"> <li>- Regularly distributed pigmented spicules without pigment network (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/x10	1	CR	V
	Smith SB, <i>et al.</i> 2001 <sup>113</sup>	<ul style="list-style-type: none"> <li>- Homogeneous nonmelanocytic pigment pattern not following the dermatoglyphic lines (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/x10	1	CR	V
	Xavier MS, <i>et al.</i> 2008 <sup>114</sup>	<ul style="list-style-type: none"> <li>- Homogeneous nonmelanocytic pigmented pattern with spicules that did not follow the dermatoglyphic lines in (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Pascoal FM, <i>et al.</i> 2010 <sup>122</sup>	<ul style="list-style-type: none"> <li>- Irregularly distributed dark brown-pigmented lesions with filamentous aspect formed by dots and traces(100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/10x/70x	6	CS	V
	Piliouras P, <i>et al.</i> 2011 <sup>126</sup>	<ul style="list-style-type: none"> <li>- Superficial fine, wispy, light brown strands which form a reticular-like patch usually with a uniform brown colour (these do</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/x10	13	CS	V

		not follow the furrows and ridges normally in this skin) (53.8%)							
	Criado PR, <i>et al.</i> 2013 <sup>115</sup>	- Superficial fine, wispy pigmented spicules, not following the dermatoglyphic lines (100%)	- NA	- NS	NS/x10	1	CR	V	
	Rossetto AI, <i>et al.</i> 2014 <sup>116</sup>	- Darkened irregular punctiform pigmentation (100%)	- NA	- NS	NS/NS	1	CR	V	
	Guarenti IM, <i>et al.</i> 2014 <sup>117</sup>	- Homogeneous nonmelanocytic pigmented pattern with spicules (100%)	- NA	- NS	NS/NS	1	CR	V	
	Noguchi H, <i>et al.</i> 2015 <sup>124</sup>	- Well-defined pigmented macule, and a brown to gray-colored, fine-dotted and granule-like structure overlapped with light brown amorphous pigmentation of whole background showing a parallel ridge pattern (100%)	- Brown dots over a diffuse brown structureless area	- Melanin produced by fungus reflecting colonies randomly distributed in the horny layer	NS/20x	1	CR	V	
	Thomas CL, <i>et al.</i> 2016 <sup>118</sup>	- A regular pattern of gray-brown spicules, with no evidence of a pigment network (100%)	- NA	- NS	NS/NS	1	CR	V	
	Maia Abinader MV, <i>et al.</i> 2016 <sup>123</sup>	- A brown, fine-dotted, and granular structure overlapping an amorphous light brown macule, not following dermatoglyphic lines (100%)	- Brown dots over a brown structureless area	- Pigmented hyphae in the stratum corneum	NS/NS	1	CR	V	
	Nazzaro G, <i>et al.</i> 2016 <sup>125</sup>	- Weak pigmentation composed of thin bundles of spicules that were arranged in a parallel ridge pattern	- NA	- NS	NS/NS	1	CR	V	
	Veasey JV, <i>et al.</i> 2017 <sup>119</sup>	- Non-melanocytic pattern composed of linear spiked structures that do not follow palmar dermatoglyphics (100%)	- NA	- Vegetative mycelium of the fungus	NS/NS	1	CR	V	



	<p>Veasey JV, <i>et al.</i> 2017<sup>120</sup></p> <p>Nogita A, <i>et al.</i> 2018<sup>127</sup></p> <p>Valentim F, <i>et al.</i> 2021<sup>121</sup></p>	<ul style="list-style-type: none"> <li>- Non-melanocytic pattern of macular lesion with superficial chestnut-brown speckled pigmentation, without grooves or crests (100%)</li> <li>- Parallel, pigmented lines in the ridges consisting of fine brown dots which aggregated to form reticular pattern (100%)</li> <li>- Superficial, thin pigmented spicules forming a reticular pattern(100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Brown dots forming parallel brown lines</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Brown fungal elements in the upper horny layer</li> <li>- NS</li> </ul>	<p>Polarized/x10</p> <p>NS/NS</p> <p>NS/NS</p>	<p>1</p> <p>1</p> <p>1</p>	<p>CR</p> <p>CR</p> <p>CR</p>	<p>V</p> <p>V</p> <p>V</p>
White piedra	<p>Zhuang K, <i>et al.</i> 2016<sup>130</sup></p> <p>Veasey JV, <i>et al.</i> 2017<sup>120</sup></p> <p>Landro J, <i>et al.</i> 2017<sup>128</sup></p> <p>Bonifaz A, <i>et al.</i> 2019<sup>129</sup></p> <p>Lacarrubba F, <i>et al.</i> 2019<sup>50</sup></p>	<ul style="list-style-type: none"> <li>- Creamy yellow nodules distributed along the hair at irregular interval (100%)</li> <li>- Whitish nodules attached to the hair(100%)</li> <li>- Small white-yellow concretions along the hair shaft (100%)</li> <li>- Irregular white nodules (concretions) (100%)</li> <li>- Multiple, ovular whitish masses scattered along the hair shafts</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	<p>NS/NS</p> <p>Polarized/NS</p> <p>NS/NS</p> <p>NS/NS</p> <p>Polarized/x10</p>	<p>1</p> <p>1</p> <p>1</p> <p>14</p> <p>1</p>	<p>CR</p> <p>CR</p> <p>CR</p> <p>CS</p> <p>CR</p>	<p>V</p> <p>V</p> <p>V</p> <p>V</p> <p>V</p>
Tinea manuum	<p>Errichetti E, <i>et al.</i> 2018<sup>131</sup></p> <p>Jakhar D, <i>et al.</i> 2019<sup>133</sup></p>	<ul style="list-style-type: none"> <li>- White scaling mainly located in the creases (100%)</li> <li>- White scales in skin furrows and dermatoglyphics (100%)</li> <li>- Dotted vessels localized to skin furrows (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White scales (in skin furrows)</li> <li>- White scales</li> <li>- Dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- Predilection of fungal organism to grow in palmar furrows</li> <li>- NS</li> <li>- Reactionary vasodilation in response to inflammatory process</li> </ul>	<p>Polarized/x10</p> <p>Polarized/200x</p>	<p>1</p> <p>1</p>	<p>CR</p> <p>CR</p>	<p>V</p> <p>V</p>

	Bhat YJ, <i>et al.</i> 2019 <sup>132</sup>	<ul style="list-style-type: none"> <li>- Whitish scales along creases (100%)</li> <li>- Brownish scales showing dried vesicles (NS)</li> <li>- Intense erythema due to patchy vessels (NS)</li> </ul>	<ul style="list-style-type: none"> <li>- White scales</li> <li>- NA</li> <li>- NA</li> </ul>	<p>induced by dermatophytes</p> <ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	10 (Tinea manuum + Tinea pedis)	CS	V
Tinea corporis	Vazquez-L pez F, <i>et al.</i> 2004 <sup>63</sup>	<ul style="list-style-type: none"> <li>- Mixed vascular findings (linear + globular vessels) (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Linear and dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Nonpolarized/x10	5	CS	V
	Knopfel N, <i>et al.</i> 2015 <sup>134</sup>	<ul style="list-style-type: none"> <li>- Erythematous background (100%)</li> <li>- Scales (100%)</li> <li>- Micropustules (100%)</li> <li>- Multiple brown spots, some with loss of vellus hair (100%)</li> <li>- Surrounding white-yellowish halo (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- White scales</li> <li>- NA</li> <li>- NA</li> <li>- White-yellow circles</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Kobayashi M, <i>et al.</i> 2018 <sup>135</sup>	<ul style="list-style-type: none"> <li>- Red papules that matched hair follicles (100%)</li> <li>- Circular white spot around vellus hair</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- White circles</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Bhat YJ, <i>et al.</i> 2019 <sup>132</sup>	<ul style="list-style-type: none"> <li>- Diffuse erythema (100%)</li> <li>- Scaly broken hair (53.3%)</li> <li>- Whitish scales (100%)</li> <li>- Follicular micropustules (36.6%)</li> <li>- Brown spots surrounded by a white-yellowish halo (20%)</li> <li>- Wavy hair (13.33%)</li> <li>- Morse code hair of vellus hair (3.3%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- White scales</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Invasion of hair follicle</li> <li>- NS</li> <li>- Masses of arthroconidia formed at intervals separated by thinner fragments where only hyphae develop</li> </ul>	NS/x10	30	CS	V
	Lekkas D, <i>et al.</i> 2020 <sup>136</sup>	<ul style="list-style-type: none"> <li>- Dotted vessels (100%): patchy (36.4%), peripheral (63.6%)</li> </ul>	<ul style="list-style-type: none"> <li>- Dotted vessels: patchy/peripheral</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	36	CC	IV

	Llamas Carmona JA, <i>et al.</i> 2021 <sup>137</sup>	<ul style="list-style-type: none"> <li>- Scales: white (86.1%), yellow (0%), both (13.9%); diffuse (2.9%) patchy (17.6%), central (2.9%), peripheral (76.5%), perifollicular scales (13.9%), and moth-eaten scales (97.2%)</li> <li>- Broken hair (63.9%)</li> <li>- Peeling direction: outward (97.2%), none (2.8%)</li> <li>- Comedones with double openings, “Dominant” orifice connected to a smaller orifice by a thin layer of epidermis (100%) in healing lesion</li> </ul>	<ul style="list-style-type: none"> <li>- Scales: white/yellow with central, unspecific, diffuse, peripheral and perifollicular distribution</li> <li>- Specific clue</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Comedone formation secondary to vellus hair invasion by the fungus</li> </ul>	NS/NS	1	CR	V
Tinea incognito	Gómez Moyano E, <i>et al.</i> 2016 <sup>138</sup>	<ul style="list-style-type: none"> <li>- Scaly, broken, translucent hair (100%)</li> <li>- Morse code hair (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Localised area of fungal infection, seen as perforating fungal invasion of vellus hair on direct microscopy</li> </ul>	NS/NS	1	CR	V
	Piccolo V, <i>et al.</i> 2019 <sup>139</sup>	<ul style="list-style-type: none"> <li>- Erythematous background (100%)</li> <li>- Nonspecific vascular pattern (100%)</li> <li>- Micro pustules (100%)</li> <li>- Black dots surrounded by white-yellowish halo (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Sonthalia S, <i>et al.</i> 2019 <sup>140</sup>	<ul style="list-style-type: none"> <li>- Patchy erythema (100%)</li> <li>- Perifollicular scales and casts (100%)</li> <li>- Black dots(100%)</li> <li>- Broken, bent deformable, Morse-code hairs, comma and cork-screw and translucent hairs (100%)</li> <li>- Dotted vessels and telangiectasias (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- Dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Fungal invasion of hair</li> <li>- NS</li> </ul>	Polarized/20x	1	CR	V
	Singal A, <i>et al.</i> 2019 <sup>141</sup>	<ul style="list-style-type: none"> <li>- Background erythema (100%)</li> <li>- Dilated linear, tortuous, and/or dotted vessels (75%)</li> <li>- Peripheral whitish scales (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Linear, linear-curved, and dotted vessels</li> <li>- Peripheral white scales</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/200x	14	CS	V

	Bhat YJ <i>et al.</i> 2019 <sup>132</sup>	<ul style="list-style-type: none"> <li>- Micropustules at the borders (83.33%)</li> <li>- Tinea of vellus hairs (16.67%)</li> <li>- Reddish brown haemorrhagic spots at the periphery (66.67%)</li> <li>- Morse code hairs of vellus hairs (47.3%)</li> <li>- Follicular micropustules (36.8%)</li> <li>- Concentric areas of erythema separated by scales (34.2%)</li> <li>- Easily deformable hairs that look weakened and transparent and show unusual bends 39.4%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Massive fungal invasion involving the whole hair shaft</li> </ul>	NS/x10	38	CS	V
Tinea of vellus hair	Gómez-Moyano E, <i>et al.</i> 2015 <sup>143</sup>	<ul style="list-style-type: none"> <li>- Scaly plaques (100%)</li> <li>- Translucent hair (83%)</li> <li>- Follicular pustules (67%)</li> <li>- Broken hairs (50%)</li> <li>- Corkscrew hairs (17%)</li> <li>- Black dots (17%)</li> <li>- Dystrophic hairs (17%)</li> <li>- Morse code hair (17%)</li> <li>- Empty follicles (16.6%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Fungal invasion along entire length of hair</li> <li>- NS</li> <li>- NS</li> <li>- Cracking and bending of hair shaft filled with hyphae</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x10	6	CS	V
	Tang J, <i>et al.</i> 2020 <sup>142</sup>	<ul style="list-style-type: none"> <li>- Non-homogeneous erythematous background (100%)</li> <li>- Scattered linear vessels (100%)</li> <li>- Follicular micropustules (100%)</li> <li>- Yellowish scales (100%)</li> <li>- White sheath around hair shaft (100%)</li> </ul> <p><i>UV Dermoscopy</i></p> <ul style="list-style-type: none"> <li>- Green fluorescence at the proximal hair shaft of the vellus hair (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Linear vessels; unspecific distribution</li> <li>- NA</li> <li>- Yellow scales</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized and UV/50x	1	CR	V
	Liu Z-H, <i>et al.</i> 2022 <sup>144</sup>	<ul style="list-style-type: none"> <li>- Curly and coiled hair (100%)</li> <li>- Bright-white fluorescence of vellus hair in UV (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	Polarized and UV/NS	1	CR	V

Majocchi's granuloma	Piccolo V, <i>et al.</i> 2019 <sup>145</sup>	- Yellowish and orange structureless areas (100%)	- Yellow/orange structureless areas	- NS	Polarized/NS	1	CR	V
	Akay BN, <i>et al.</i> 2019 <sup>146</sup>	- Central yellowish crust (100%) - Peripheral blue structureless area (100%) - Polymorphous vessels (serpentine, coiled, looped with bulbous endings) (100%) - Haemorrhages and clod vessels of different sizes (100%)	- Yellow crust - Peripheral blue structureless area - Dotted and linear-curved vessels - Purple dots	- NS - NS - NS - NS	NS/NS	1	CR	V
<i>Talaromyces marneffei</i> infection	Li Q, <i>et al.</i> 2018 <sup>148</sup>	- Round or homogenous whitish background (100%) - Only whitish amorphous structure (39.1%) - Whitish background with central keratin plug (23.9%) ("white jade coin pendant" sign) - Whitish background, central keratin plug and radial comma vessels (13%) - Whitish background and central haemorrhagic ulcer (23.9%)("white jade coin pendant" sign)	- White structureless area - White structureless area - White structureless area with follicular plug: specific clue - White structureless area with follicular plug with linear vessels with branches - Specific clue	- Granuloma and infiltration of multiple ingested yeast histiocytes - Granuloma and infiltration of multiple ingested yeast histiocytes - Inlaid porokeratosis (keratin plug) - Capillary vessels around keratin plug (radial comma vessels) - NS	NS/NS	1 patient/46 lesions	CR	V
	Xian J, <i>et al.</i> 2019 <sup>147</sup>	- Circular or quasi-circular whitish amorphous structure with a central brownish keratin plug ("white jade coin pendant" sign) (70.6%) - Irregular whitish amorphous structures with haemorrhagic area of reddish brown color (23.5%) - Irregular homogenous whitish amorphous structure	- Specific clue - NA - NA	- NS - NS - NS	NS/NS	1 patient/17 lesions	CR	V
	Xu X, <i>et al.</i> 2019 <sup>149</sup>	- Molluscum like lesions (100%): papules and nodules with an umbilicated notch, central necrosis, punctiform vessels	- NA	- NS	Polarized/x50	1	CR	V

		<ul style="list-style-type: none"> <li>- Folliculitis/acne like lesions (100%): papules and nodules with scabs in the middle and hairs grown in and around</li> <li>- Xanthoma like: smooth surface</li> <li>- Vessels: tufted, hairpin, punctiform</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- Linear-curved and dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- Capillary hyperplasia and telangiectasias</li> </ul>				
Cutaneous cryptococcosis	Slawinska M, <i>et al.</i> 2018 <sup>150</sup>	<ul style="list-style-type: none"> <li>- White structureless area (100%)</li> <li>- Linear irregular and branched vessels of different sizes (100%)</li> <li>- Surrounding structureless yellowish halo (100%)</li> <li>- Pinkish background (100%)</li> <li>- White lines on the periphery (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White structureless area</li> <li>- Linear vessels with branches</li> <li>- Yellow structureless area</li> <li>- NA</li> <li>- White lines</li> </ul>	<ul style="list-style-type: none"> <li>- Fibrosis</li> <li>- Neovascularization</li> <li>- Granulomatous component</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Chromoblastomycosis	Arguello-Guerra L, <i>et al.</i> 2016 <sup>152</sup>	<ul style="list-style-type: none"> <li>- Prominent white and pink areas (100%)</li> <li>- Brown dots (100%)</li> <li>- Crusts (100%)</li> <li>- Scales (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- White scales</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Tang J, <i>et al.</i> 2017 <sup>153</sup>	<ul style="list-style-type: none"> <li>- Irregular reddish black dots (100%)</li> <li>- Pink white background (100%)</li> <li>- Scales (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Transepithelial elimination of products of the inflammatory response and haemorrhages</li> <li>- NS</li> <li>- NS</li> </ul>	NS/x50	1	CR	V
	Subhadarshani S, <i>et al.</i> 2017 <sup>154</sup>	<ul style="list-style-type: none"> <li>- Reddish pink background (100%)</li> <li>- Yellow-orange ovoid structures (100%)</li> <li>- Brown/Black dots</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Yellow/orange structureless area</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Granuloma</li> <li>- Transepidermal elimination of the inflammatory cells and fungal elements along with haemorrhages</li> </ul>	Polarized/x16	1	CR	V
	Chauhan P, <i>et al.</i> 2019 <sup>151</sup>	<ul style="list-style-type: none"> <li>- Crusts and scales (100%)</li> <li>- Reddish black dots (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/white scales</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Transepidermal elimination of inflammatory cells,</li> </ul>	Polarized/x10	1	CR	V

	Jayasree P, <i>et al.</i> 2019 <sup>155</sup>	<ul style="list-style-type: none"> <li>- Yellowish orange ovoid areas (100%)</li> <li>- Pinkish white background (100%)</li> <li>- Polymorphic vessels (100%)</li> <li>- White scales and yellow crusts in the periphery (100%)</li> <li>- White net-like pattern (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Focal yellow/orange structureless areas</li> <li>- NA</li> <li>- Dotted vessels</li> <li>- White scales and yellow crusts</li> <li>- White lines</li> </ul>	<ul style="list-style-type: none"> <li>foreign fungal elements, and haemorrhages</li> <li>Granuloma</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Diffuse hypergranulosis and pseudoepitheliomatous hyperplasia</li> <li>- NS</li> <li>- Fungal sclerotic bodies</li> <li>- NA</li> <li>- NA</li> </ul>	Polarized/x10	1	CR	V
	Katoch S, <i>et al.</i> 2020 <sup>156</sup>	<ul style="list-style-type: none"> <li>- Polymorphous vessels (100%)</li> <li>- Brown spots (100%)</li> <li>- White and pink areas (100%)</li> <li>- Yellowish structureless areas (100%)</li> <li>- White net-like pattern in background (100%)</li> <li>- Structureless pink, white, and yellow areas (100%)</li> <li>- Scales, crusts (100%)</li> <li>- Reddish-brown to black dots (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Dotted and linear-curved vessels</li> <li>- Brown dots/globules</li> <li>- NA</li> <li>- Yellow structureless areas</li> <li>- White lines</li> <li>- Structureless white and yellow areas</li> <li>- White scales and yellow crusts</li> <li>- Brown dots/globules</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- Fungal sclerotic bodies and haemorrhages</li> </ul>	Polarized/10x	1	CR	V
Mycetoma	Reis LM, <i>et al.</i> 2014 <sup>157</sup>	<ul style="list-style-type: none"> <li>- Yellowish and white structures (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow/white structureless areas</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/x10	1	CR	V
	Ankad BS, <i>et al.</i> 2019 <sup>158</sup>	<ul style="list-style-type: none"> <li>- Yellow globules (100%)</li> <li>- White superficial scales (100%)</li> <li>- White structureless areas (100%)</li> <li>- Telangiectasias and dotted vessels (100%)</li> <li>- Blood spots (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Yellow globules</li> <li>- White scales</li> <li>- White structureless areas</li> <li>- Dotted vessels</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- Dermal granulomas with many neutrophils</li> <li>- Hyperkeratosis</li> <li>- Fibrosis</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x10	1	CR	V
	Ankad BS, <i>et al.</i> 2019 <sup>159</sup>	<ul style="list-style-type: none"> <li>- White-yellow areas (100%)</li> <li>- White scales (100%)</li> <li>- Brown-black/red/white globules (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- White/yellow structureless areas</li> <li>- White scales</li> <li>- Brown/red/white globules</li> </ul>	<ul style="list-style-type: none"> <li>- Granulomas</li> <li>- Hyperkeratosis</li> <li>- Masses of fungi/dried blood and dilated vessels (red globules)</li> </ul>	Polarized/x10	1	CR	V

	Litaiem N, <i>et al.</i> 2019 <sup>160</sup>	<ul style="list-style-type: none"> <li>- Small black grains (100%)</li> <li>- Structureless blue-white areas (100%)</li> <li>- Surrounding white halo (100%)</li> <li>- Polymorphic vessels (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Specific clue</li> <li>- Structureless blue-white areas</li> <li>- White circle</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- Subcutaneous compact masses of pigmented fungi</li> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
Pityriasis versicolor	Zhou H, <i>et al.</i> 2015 <sup>161</sup>	<ul style="list-style-type: none"> <li>- Pigmented network composed of pigmented stripes (100%)</li> <li>- Fine white scaling (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- Brown lines</li> <li>- White scaling</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> </ul>	NS/NS	1	CR	V
	Thomas N, <i>et al.</i> 2019 <sup>162</sup>	<ul style="list-style-type: none"> <li>- Wire fence appearance:</li> <li>- Very fine scales along natural skin creases (100%)</li> <li>- Background of hypopigmented skin (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- White scales</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/10x	1	CR	V
	Kaur I, <i>et al.</i> 2019 <sup>164</sup>	<p>Total</p> <ul style="list-style-type: none"> <li>- Altered pigmentary network (100%)</li> <li>- Scaling (83.33%)</li> <li>- Contrast halo ring around primary altered ring (66.67%)</li> <li>- Folliculocentric pattern (66.67%)</li> <li>- Invasion of hair follicle by yeast seen as hypopigmentation of hair (20%)</li> </ul> <p>Hypopigmented variant (n=24)</p> <ul style="list-style-type: none"> <li>- Altered pigmentary network (100%)</li> <li>- Scaling (87.5%)</li> <li>- Contrast halo ring around primary altered ring (91.66%)</li> <li>- Folliculocentric pattern (83.33%)</li> <li>- Invasion of hair follicle (25%)</li> </ul> <p>Hyperpigmented variant (n=3)</p> <ul style="list-style-type: none"> <li>- Altered pigmentary network (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- Scales</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/x50	30	CS	V



	Mathur M, <i>et al.</i> 2019 <sup>163</sup>	<ul style="list-style-type: none"> <li>- Scaling (66.66%)</li> <li>- Contrast halo ring around primary altered ring (66.66%)</li> <li>- Folliculocentric pattern (66.66%)</li> </ul> <p>Mix variant (n=3)</p> <ul style="list-style-type: none"> <li>- Altered pigmentary network (100%)</li> <li>- Scaling (66.66%)</li> <li>- Contrast halo ring around primary altered ring (33.33%)</li> <li>- Folliculocentric pattern (33.33%)</li> </ul> <p>Hypopigmented lesions (n=164)</p> <ul style="list-style-type: none"> <li>- Nonuniform pigmentation (92.68%)</li> <li>- Clearly demarcated border (15.85%)</li> <li>- Perilesional pigmentation (34.15%)</li> <li>- Inconspicuous ridges and furrows (88.41%)</li> <li>- Scaling (86.58%): patchy (57.93%), furrows (28.66%), diffuse (8.54%), peripheral (5.49%), perifollicular (7.93%)</li> <li>- Vascular pattern: linear branching vessels (8.54%), dotted vessels (2.44%)</li> </ul> <p><u>Hyperpigmented lesions (n=14)</u></p> <ul style="list-style-type: none"> <li>- Nonuniform pigmentation (100%)</li> <li>- Clearly demarcated border (14.29%)</li> <li>- Inconspicuous ridges and furrows (85.71%)</li> <li>- Scaling (92.86%): patchy (28.57%), furrows (50%), diffuse (35.71%), perifollicular (7.14%)</li> </ul>	<ul style="list-style-type: none"> <li>- Scales</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul> <ul style="list-style-type: none"> <li>- NA</li> <li>- Scales</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- White scales (distribution: unspecific, in the skin furrows, diffuse or perifollicular)</li> <li>- Linear vessels with branches and dotted vessels</li> </ul> <ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- White scales (distribution: unspecific, in the skin furrows, diffuse or perifollicular)</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul> <ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul> <ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- NS</li> <li>- NS</li> </ul>	Polarized/10x	125 patients (164 hypopigmented lesions, 14 hyperpigmented lesions)	CS	V
Pityrosporum folliculitis	Jakhar D, <i>et al.</i> 2018 <sup>165</sup>	<ul style="list-style-type: none"> <li>- Folliculocentric papules and pustules with surrounding erythema (100%)</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	Polarized/x50	15	CS	V

		<ul style="list-style-type: none"> <li>- Perilesional, dirty white scaling (73.3%)</li> <li>- Keratosis pilaris like features (coiled/looped hair follicle with surrounding erythema, scaling) (53.3%)</li> <li>- Hypopigmentation of hair shaft (60%)</li> <li>- Perilesional brownish discoloration in resolving lesions</li> </ul>	<ul style="list-style-type: none"> <li>- NA</li> <li>- NA</li> <li>- NA</li> <li>- NA</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> <li>- NS</li> <li>- Invasion of hair shaft by yeast spores</li> <li>- NS</li> </ul>					
	Durdu M, <i>et al.</i> 2019 <sup>42</sup>	<ul style="list-style-type: none"> <li>- Peripheral, regularly distributed dotted vessels in the absence of other diagnostic findings</li> </ul>	<ul style="list-style-type: none"> <li>- Peripheral dotted vessels</li> </ul>	<ul style="list-style-type: none"> <li>- NS</li> </ul>	NS/NS	52	CC	IV	

CC: Case control study; CR: Case report; CS: Case series; NA: Not available; NS: Not specified.