

## Supplementary Online Content

Bhoyrul B, Asfour L, Lutz G, et al. Clinicopathologic characteristics and response to treatment of persistent chemotherapy-induced alopecia in breast cancer survivors. *JAMA Dermatol*. Published online September 29, 2021. doi:10.1001/jamadermatol.2021.3676

**eTable 1.** Clinical Features of 100 Patients With Persistent Chemotherapy-Induced Alopecia

**eTable 2.** Hair Counts Assessed in Horizontal Sections of 4-mm Punch Biopsies of the Scalp in Patients With Persistent Chemotherapy-Induced Alopecia

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1.** Clinical Features of 100 Patients With Persistent Chemotherapy-Induced Alopecia

<b>Clinical feature</b>	
<b>Pattern of hair loss, No. (%)</b>	
Diffuse alopecia (DA)	39 (39)
Female pattern hair loss (FPHL)	55 (55)
Male pattern hair loss (MPHL)	6 (6)
Lichen planopilaris	3 (3)
Frontal fibrosing alopecia	2 (2)
Fibrosing alopecia in a pattern distribution	1 (1)
<b>Baseline severity of hair loss, median (IQR)</b>	
DA or FPHL, Sinclair grade	4 (2.5-5)
MPHL, Hamilton-Norwood type	IV (II-VII)
<b>Trichoscopic feature, No. (%)</b>	
Hair shaft diameter variability	76/86 (88)
Vellus hairs	72/85 (85)
Increased single-hair follicular units	32/62 (52)
Perifollicular erythema/scaling	8/89 (9)
Loss of follicular ostia	6/85 (7)
Other*	33/90 (37)
<b>Persistent alopecia at other sites, No. (%)</b>	
Eyebrows only	18 (18)
Eyebrows and eyelashes	32 (32)

IQR, interquartile range.

\* Included empty follicular ostia (n = 10), focal atrichia (n = 9), telangiectasia (n = 3), yellow dots (n = 3), irregular spacing of hair follicles (n = 2), follicular plugging (n = 1), kinky hairs (n = 1), lonely hairs (n = 1), peripilar sign (n = 1), pigtail hairs (n = 1) and pili torti (n = 1).

**eTable 2.** Hair Counts Assessed in Horizontal Sections of 4-mm Punch Biopsies of the Scalp in Patients With Persistent Chemotherapy-Induced Alopecia

	pCIA phenotype	Sinclair grade	Terminal	Anagen	Catagen/telogen	A:T ratio	Vellus	T:V ratio	Fibrous streamers
Patient 1	FPHL	2	14	NR	NR	NA	22	0.64	15
Patient 2	DA	5	23	12	11	1.09	11	2.17	9
Patient 3	FPHL	4	17	13	4	3.25	9	1.83	6
Patient 4	FPHL	5	25	15	10	1.50	12	2.12	6
Patient 5	FPHL	4	11	4	7	0.57	7	1.60	12
Patient 6	FPHL	4	13	13	1	13.00	19	0.69	13
Patient 7	FPHL	5	18	16	2	8.00	13	1.42	8
Patient 8	FPHL	4	12	7	5	1.40	6	2.11	3
Patient 9	FPHL	5	23	10	13	0.77	7	3.22	13
Patient 10	FPHL	4	40	NR	NR	NA	20	2.00	48
Patient 11	FPHL	4	17	NR	NR	NA	NR	NA	8
Mean		4*	19	11	7	3.70	13	1.78	13

A:T, anagen:telogen; DA, diffuse alopecia; FPHL, female pattern hair loss; NA, not applicable; NR, not recorded; pCIA, persistent chemotherapy-induced alopecia; T:V, terminal:vellus.

\* Refers to median Sinclair grade.