

eSupplement 6. Sensitivity and specificity in subgroups at eyelid level (based on the four requested Photographs)*

Chalazion Present	Remote Photograph Assessment	Clinical Diagnosis (Gold Standard)		Sensitivity (95% CI)	Sensitivity Group Difference (95% CI)	Specificity (95% CI)	Specificity Group Difference (95% CI)
		Yes	No				
Age							
<5 Years Old	Yes	34	3	81%	2% (-12%, 16%)	96% (89%, 99%)	3% (-2%, 7%)
	No	8	75	(70%, 88%)			
≥ 5 Years Old	Yes	34	1	79%	(-12%, 16%)	99% (92% to >99%)	(-2%, 7%)
	No	9	76	(66%, 88%)			
Eyelid Affected							
Lower	Yes	27	2	82%	3% (-13%, 19%)	98% (91% to 99%)	1% (-4%, 6%)
	No	6	85	(66% to 91%)			
Upper	Yes	41	2	79%	(-13%, 19%)	97% (89% to 99%)	(-4%, 6%)
	No	11	66	(66% to 88%)			
Photo Clarity							
All Photos Sufficient	Yes	44	2	83%	8% (-6%, 22%)	98% (93% to >99%)	2% (-4%, 8%)
	No	9	105	(72% to 90%)			
One or More Photos Insufficient	Yes	24	2	75%	(-6%, 22%)	96% (86% to 99%)	(-4%, 8%)
	No	8	46	(62% to 84%)			
Frame of Reference							
Complied as Instructed	Yes	34	1	87%	13% (-1%, 27%)	99% (92% to >99%)	3% (-2%, 8%)
	No	5	84	(72% to 95%)			
Did NOT Comply as Instructed	Yes	34	3	74%	(-1%, 27%)	96% (88% to 99%)	(-2%, 8%)
	No	12	67	(64% to 82%)			

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		Yes	No						
Chalazion Width									
2 to <5mm	Yes	19	NA	63% (46% to 78%)	26% (8%, 44%)	NA	NA		
	No	11	NA						
≥5mm	Yes	49	NA	89% (79% to 95%)					
	No	6	NA						
Chalazion Depth									
Superficial	Yes	34	NA	94% (80% to 99%)	25% (12%, 38%)	NA	NA		
	No	2	NA						
Deep	Yes	34	NA	69% (58% to 79%)					
	No	15	NA						
Vertical Position									
Approaching Eyelid Margin	Yes	43	NA	84% (73% to 91%)	Reference Group	NA	NA		
	No	8	NA						
Involving Eyelid Margin	Yes	16	NA	89% (66% to 97%)		5% (-12%, 21%)		NA	NA
	No	2	NA						
Remote from Eyelid Margin	Yes	9	NA	56% (34% to 76%)	28% (4%, 52%)		NA		
	No	7	NA						
Horizontal Position									
Central	Yes	35	NA	81% (68% to 90%)		Reference Group	NA	NA	
	No	8	NA						
Nasal	Yes	13	NA	72%	9%		NA		

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		Yes	No				
	No	5	NA	(49% to 88%)	(-14%, 32%)		
Temporal	Yes	20	NA	83%	2%	NA	
	No	4	NA	(65% to 93%)	(-16%, 20%)		

* Based on the largest chalazion if more than one was present on a single eyelid.