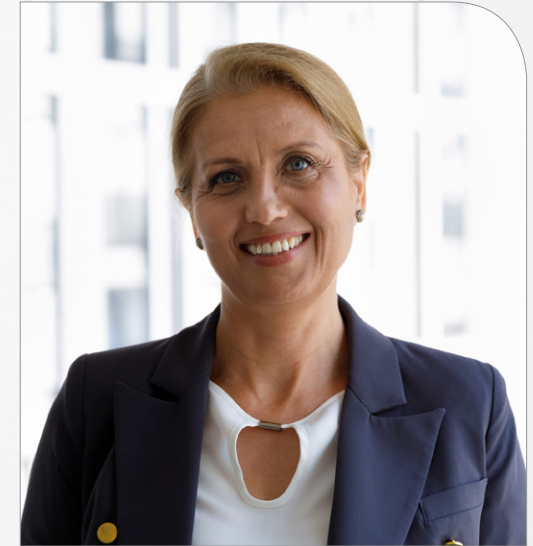


# Patient Case: Dry Eye Post Surgery

Results  
after only  
2 weeks

After only 2 weeks, this patient case demonstrates the effectiveness of HYLO DUAL INTENSE® in a post refractive dry eye patient who was not getting adequate relief even with current high drop usage.

<b>Patient Type</b>	Post op refractive patient with dry eye disease
<b>Demographics</b>	51, female, accountant
<b>Clinical History</b>	Bilateral CLR (Clear Lens Replacement) 6 months ago Using lubricant / <b>lubricant drop 6-10 times daily</b> No other medications
<b>Clinical Assessment</b>	<b>TBUT:</b> 10 seconds <b>Symptoms (Scale 1-5):</b> stinging (2), irritation (3), discomfort (3), grittiness (2) and dryness (4) <b>Staining:</b> Grade 1 conjunctival <b>Inflammatory markers:</b> positive in both eyes <b>Hyperosmolarity:</b> Left eye 314 mOsmol/L (right eye normal 301 mOsmol/L)
<b>Recommendation</b>	Recommend HYLO DUAL INTENSE® 3 times a day. Night Ointment and omega -3 supplement
<b>Outcome: 2 week review</b>	<ul style="list-style-type: none"><li>■ Reduced drop frequency of use by &gt;50% (only using HYLO DUAL INTENSE® 3 times/day)</li><li>■ ≥25% reduction in stinging, irritation, discomfort, grittiness and dryness</li><li>■ Treated hyperosmolarity in left eye (reduced from 314 mOsmol/L to 298 mOsmol/L)</li><li>■ Patient reports much longer relief and much more comfortable drop overall</li><li>■ Patient felt eyes were improving day by day with this drop</li></ul>



TBUT: Tear break Up Time; CLR: Clear Lens Replacement  
Scope Ophthalmics Ltd. 2024 (Data on file: 69419)

WELLINGTON  
EYE CLINIC

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# Patient Case: Severe Dry Eye Patient

This patient case demonstrates the effectiveness of **HYLO DUAL INTENSE®** after 1 month in a severe dry eye patient that has both inflammation and hyperosmolarity on the ocular surface.

<b>Patient Type</b>	Severe dry eye patient with inflammation and hyperosmolarity that is using 3 products/day to manage their symptoms
<b>Demographics</b>	62, female, homemaker
<b>Clinical History</b>	Severe Dry eye patient Diabetes type II Partial thyroidectomy <b>Meds:</b> Eltroxin, Omega -3 and Primrose <b>Eye treatments:</b> lubricant 6 times/day; lipid replacement 6 times/day and ointment
<b>Clinical Assessment</b>	<b>Baseline:</b> <b>TBUT:</b> 3 seconds (R) and 2 seconds (L) <b>Symptoms (Scale 1-5):</b> Irritation 3; Discomfort 4, Grittiness 4, Dryness 5 <b>Staining:</b> Conjunctival staining Grade 1 and conjunctival folds <b>Inflammatory markers:</b> Positive both eyes
<b>Recommendation</b>	Discontinue lubricant; lipid replacement and ointment Commence on HYLO DUAL INTENSE® 2 times a day and discontinue all other drops Commence on Omega-3 supplements and heat mask ad hoc
<b>Outcome: 2 week review</b>	Patient used HYLO DUAL INTENSE® 2 times daily and Omega-3 supplements <ul style="list-style-type: none"> <li>■ Reduced drop frequency of use by &gt;60% (and now only uses 1 drop product versus 3 products)</li> <li>■ Reduced dryness by 40% in one month</li> <li>■ Reduced osmolarity by clinically significant 10% (RE: 333 to 298 mOsmol/L and LE: 354 to 311 mOsmol/L)</li> <li>■ Treated inflammation (No inflammatory markers present after 1 month)</li> <li>■ No staining present after 1 month and TBUT improved to 4 seconds</li> <li>■ Patient 'delighted' and plans to continue HYLO DUAL INTENSE®</li> </ul>



TBUT: Tear break Up Time; R: Right Eye; L: Left Eye  
Scope Ophthalmics Ltd. 2024 (Data on file: 64079)



**HYLO DUAL INTENSE®**





# Patient Case: Long term moderate to severe dry eye patient

This patient case demonstrates the effectiveness of **HYLO DUAL INTENSE®** after 6 months use in a patient that used multiple products and had received light treatment

<b>Patient Type</b>	Longstanding dry eye patient
<b>Demographics</b>	55 years, female, teacher
<b>Clinical History</b>	In the last 2 years the patient has received IPL & LLLT therapy. This improved signs and symptoms considerably, as long as she regularly instilled lubricant or lubricant + lipid replacement combo (usually 3-4 times a day) and ointment at bedtime
<b>Clinical Assessment</b>	Very thin lipid layer, with small lipidbergs not dissolved. Trace inferior corneal stain R & L <Grade 1 TBUT 5 seconds R&L OSDI score =15
<b>Recommendation</b>	Continue with HCH (OPTASE® Moist Heat Mask daily, followed by lid massage and cleansing with OPTASE® TTO Wipes) Discontinue lubricant and lipid replacement combo Commence on HYLO DUAL INTENSE® to use 3-4x day or as required.
<b>Outcome: 6-month Review</b>	Patient used HYLO DUAL INTENSE® 2 times daily and Omega-3 supplements <ul style="list-style-type: none"><li>■ OSDI score reduced to 7.5 from 15</li><li>■ Clinical assessment has improved too with no corneal staining</li><li>■ TBUT improved to 8 secs R&amp;L</li><li>■ As soon as patient sat down she declared voluntarily that HDI is 'a gamechanger!' without being prompted.</li><li>■ She only needs to use it on <b>average twice a day</b>. This means that she no longer has the inconvenience of instilling drops when she is out and about.</li><li>■ She commented that she hasn't had that really sharp feeling of discomfort for some time now and even has long periods of time when she forgets about her eyes.</li></ul>



TBUT: Tear break Up Time; R: Right Eye; L: Left Eye; OSDI: Ocular Surface Disease Index



**HYLO DUAL INTENSE®**

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# Patient Case: Dry Eye

This patient case demonstrates the effectiveness of **HYLO DUAL INTENSE®** after 1 month in a complicated dry eye patient that has a history of current epithelial erosions

<b>Patient Type</b>	Fluctuating moderate to severe dry eye patient with hyperosmolarity
<b>Demographics</b>	37, female, teacher
<b>Clinical History</b>	Recurrent epithelial erosions Past treatments: IPL treatments, punctal plugs, serum drops Current Eye treatments: HYLO® TEAR 2-4 times/day; Lubricant Gel
<b>Clinical Assessment</b>	TBUT: 5 seconds (R) and 7 seconds (L) Symptoms (Scale 1-5): Irritation 1-5 fluctuation; Burning 3; foreign body sensation 4 Discomfort 4, Grittiness 4, Dryness 4; Redness 5 Staining: Conjunctival staining Grade 2 diffuse (R) Grade 1 (L) Tear lab osmolarity: R309 L321 Inflammatory markers: Negative
<b>Recommendation</b>	Discontinue HYLO® TEAR; Commence on HYLO DUAL INTENSE® 2 times a day or as needed, continue on Retaine Gel
<b>Outcome: 1-month Review</b>	<ul style="list-style-type: none"><li>■ Reduced Foreign body sensation and grittiness by 50% in one month; irritations not as fluctuating</li><li>■ Reduced hyperosmolarity in left eye (RE: 321 to 293mOsm/L)</li><li>■ Conjunctival staining improved to grade 1 in both eyes</li><li>■ No improvement in TBUT</li><li>■ Patient reported longer lasting relief from dryness and drops felt 'more natural' in her eyes, plans to continue HYLO DUAL INTENSE®</li></ul>



TBUT: Tear break Up Time; R: Right Eye; L: Left Eye; OSDI: Ocular Surface Disease Index  
Scope Ophthalmics Ltd. 2024 (Data on file: 56579)



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