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Re-centering after a Suction Break



Suction Break-During Raster

Perform the next steps immediately, while gas bubbles are still present

Select Cancel on menu box (not "re-start")

Use the same Applanation Cone to re-establish the same depth

Use new Suction Ring Assembly

Buscom Painer

Select "Adjust Params," turn pocket off

Once docked, use arrow buttons to align/center previous treatment bubble pattern with yellow overlay

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•Next step options:

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1.If suction loss reoccurs after 3 attempts, abort procedure and ask the patient to return the following day, week, or month.

2.Upon return use a different depth at least 40 microns away from the original depth.

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3. Consider surface ablation





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Mechanism of AC Bubble Formation



• What do you do about AC bubbles interfering with pupil tracking?

Anterior Chamber Bubbles



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AC Bubble Management

- · Wait for bubbles to resolve
- Turn off tracker
- Have patient move eyes rapidly left and right, then tap on ocular surface to break surface tension of multiple gas bubbles and cause them to coalesce into smaller, less numerous bubbles. Illumination in excimer operating microscope dimmed (to dilate pupil)
- Careful use of mydriatic (center of pupil may move)
- Corneal Vertex Centration can be used to offset asymmetrical pupil dilation
- I do NOT recommend AC tap

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	Re	fraction	
UCVA		Manifest Refraction	
Right 20/400		Right -4.75 sphere	20/20
Left 20/400		Left -5.50 sphere	20/20
Wearing Rx		Cycloplegic Refraction	
Right -4.75 sphere	20/20	Right -4.75 sphere	20/20
Left -5.25 sphere	20/20	Left -5.50 +0.50 020	20/20
Bascom Palmer		LDHe	alth MILLE

Discussion PTK: to improve superficial scarring and irregular • Final refractive trend in our patients: hyperopic • astigmatism or mixed astigmatism astigmatism (2 of our cases and also reported in the o May be due to epithelial changes literature) · Secondary procedures in those with bothersome • PRK: depends on residual cornea thickness (goal of residual refractive error / scarring can be done 300 microns) Corneal topography-guided transepithelial PRK: improves irregular astigmatism and BCVA after flap amputation (1 case in literature; not available in USÂ) **J**Health **J**Health Eye Ins Eve la

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