

A photograph of a medical team in an operating room. A male surgeon in the foreground is focused on a procedure, wearing a blue surgical cap and mask. A female surgeon in the background, also in blue scrubs and a mask, looks towards the camera. The operating room is equipped with bright overhead surgical lights. A large, abstract graphic of a 3D DNA helix is overlaid on the right side of the image, composed of a grid of blue, red, and white squares.

LEADING MEDICINE: A TOWN HALL CONVERSATION WITH DR. MARC BOOM

Town Hall Conversation XXXV

HOUSTON
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LEADING MEDICINE

Combatting Droopy Eyelids

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Director, Oculoplastic & Reconstructive Surgery

4/27/23



Periocular Area



The eye is the window of the soul, the mouth the door. The intellect, the will, are seen in the eye; the emotions, sensibilities, and affections, in the mouth. The animals look for man's intentions right into his eyes. Even a rat, when you hunt him and bring him to bay, looks you in the eye.

(Hiram Powers)

izquotes.com

➤ *J Eur Acad Dermatol Venereol.* 2008 Aug;22(8):982-91. doi: 10.1111/j.1468-3083.2008.02698.x.
Epub 2008 Jun 6.

Influence of facial skin attributes on the perceived age of Caucasian women

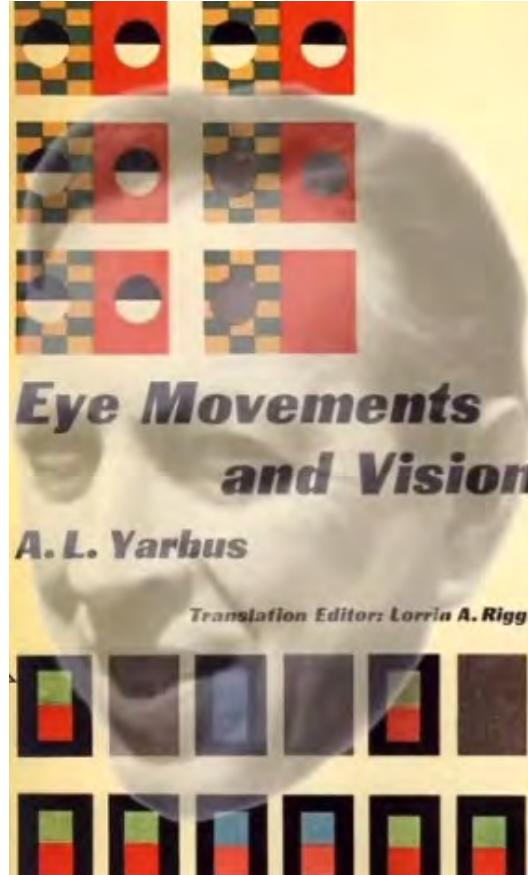
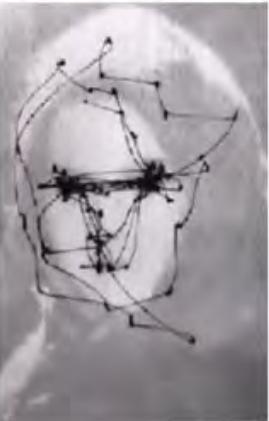
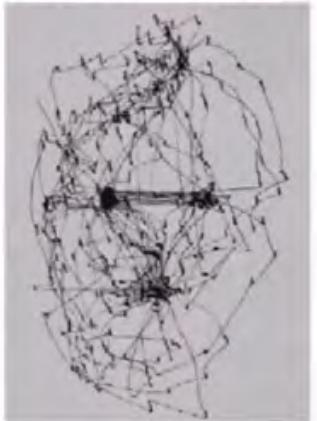
A Nkengne ¹, C Bertin, G N Stamatas, A Giron, A Rossi, N Issachar, B Fertil

People infer age and energy levels from visual cues in the periocular area









Youthful Eyelid



Aging Eyelid



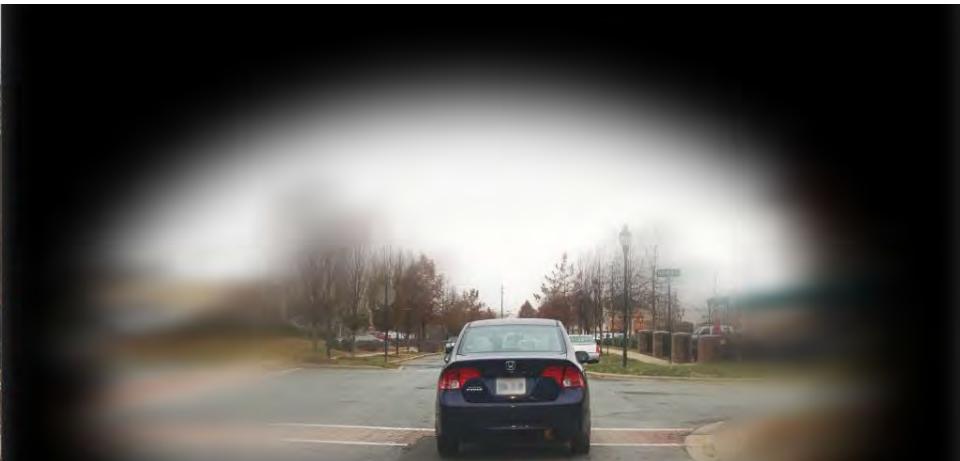
Impact of Droopy Eyelids



- “I feel tired”
- “I run into objects”
- “Have to turn my head when driving”
- “I fall asleep when reading”
- “Constantly raising my brows to see”
- “My eyes feel heavy”

**Driving w/normal
vision**

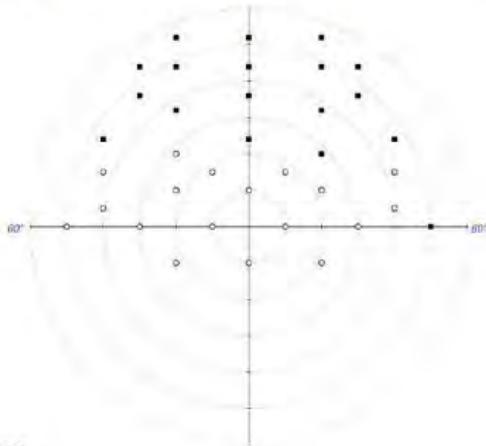
**Driving w/eyelid
hooding**



Visual Field Testing

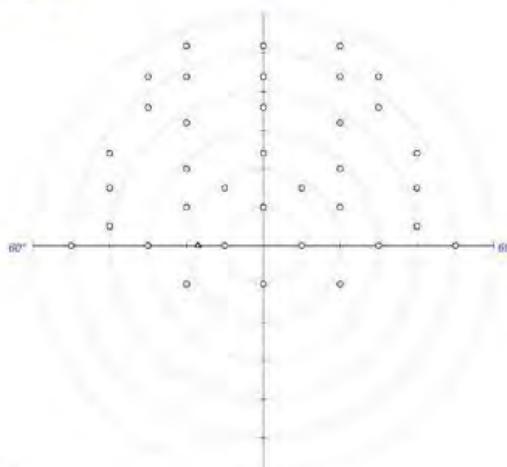
Untaped

OS Suprathreshold		Superior 36 Point Suprathreshold Test			
Fixation Monitor:	Off	Stimulus:	III, White	Date:	Apr 05, 2023
Fixation Target:	Bottom LED	Background:	31.5 dB	Time:	3:22 PM
Fixation Losses:	0/0	Strategy:	Two Zone	Age:	60
False POS Errors:	1/8	Test Mode:	Single Intensity		
False NEG Errors:	24/24	Pupil Diameter:			
Test Duration:	02:15	Visual Acuity:			
Stimulus Intensity:	10dB	Rc:	+3.25 DS		



Taped

OS Suprathreshold		Superior 36 Point Suprathreshold Test			
Fixation Monitor:	Gaze-Blind Spot	Stimulus:	III, White	Date:	Apr 05, 2023
Fixation Target:	Bottom LED	Background:	31.5 dB	Time:	3:28 PM
Fixation Losses:	1/2 XX	Strategy:	Two Zone	Age:	60
False POS Errors:	0/8	Test Mode:	Single Intensity		
False NEG Errors:	6/2	Pupil Diameter:			
Test Duration:	02:10	Visual Acuity:			
Stimulus Intensity:	10dB	Rc:	+3.25 DS		



○ Seen 18/36
■ Not Seen 0/36
▲ Blind Spot

Why Droopy Eyelids Develop

- Genetics
- UV exposure
- Smoking
- Mechanical rubbing
- Aging process

What Is A Droopy Eyelid?



3 Components of Eyelid Evaluation

Eyebrow Position

Amount of
Eyelid Skin

Dermatochalasis

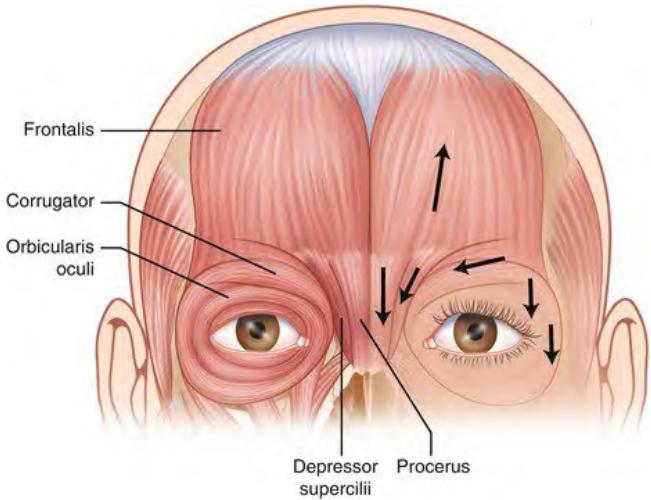
Brow ptosis

Where eyelid
rests on eye



Ptosis

Brow Ptosis



Brow Ptosis Repair

- Botox/Chemical Lift
- Direct Browplasty
- Pretricheal Lift
- Transbleph Browplasty
- Endoscopic Brow Lift



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Dermatochalasis

- Surgical treatment
 - Blepharoplasty
 - 20 min in office surgery
 - 1 week recovery
 - Lasts min 5-10 years



Upper Lid Blepharoplasty

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Upper Lid Blepharoplasty



Before/After Blepharoplasty

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Before/After Blepharoplasty

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Before/After Blepharoplasty

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Before/After Male Blepharoplasty

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Before/After Blepharoplasty

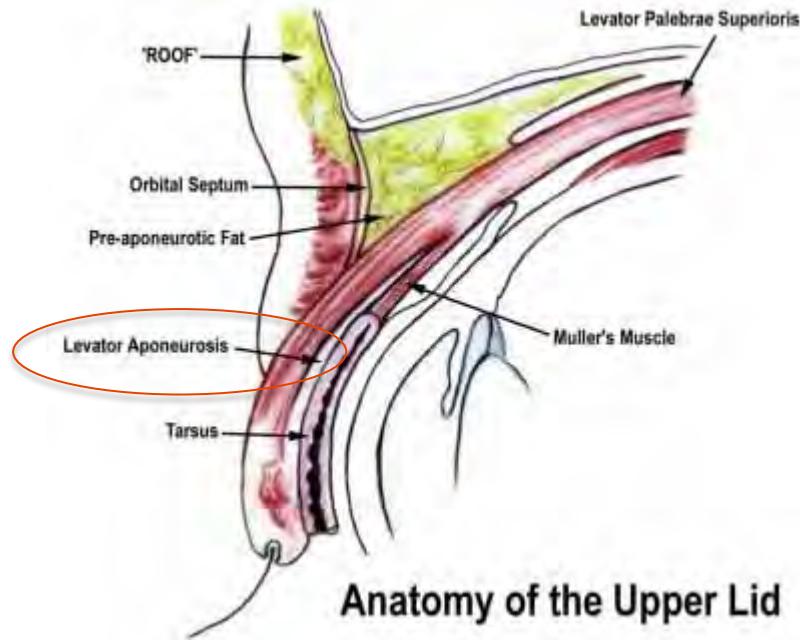


Eyelid Ptosis



- Age-related changes
- Genetics
- Neurologic Disease
 - Myasthenia Gravis
 - Horner's Syndrome
 - Cranial Nerve 3 palsies

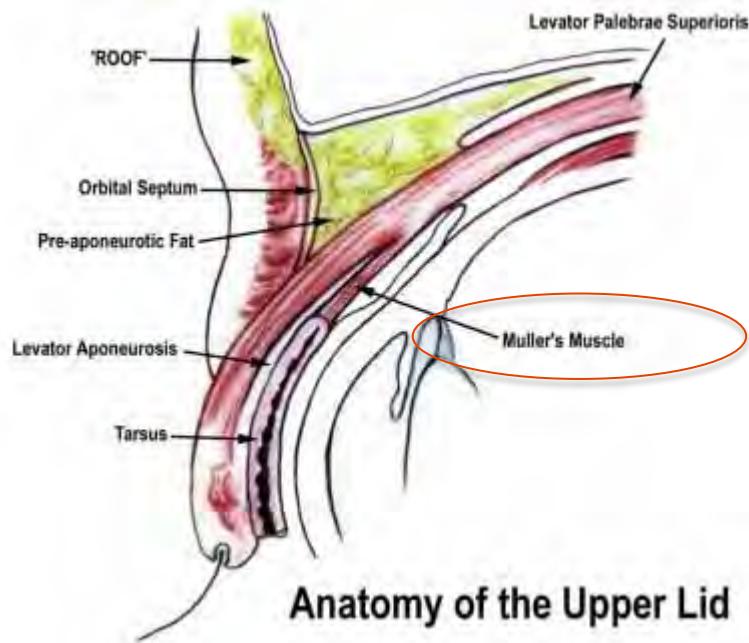
Eyelid Elevators



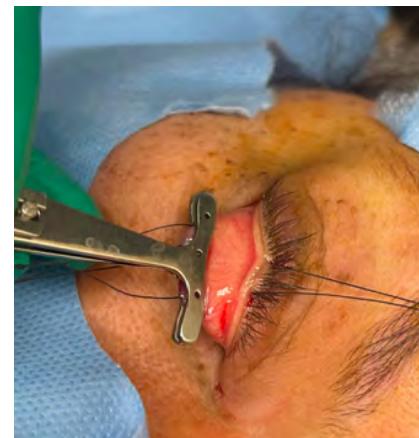
External Levator Advancement



Eyelid Elevators



Mullerectomy



Ptosis Repair



Ptosis Repair



- Oxymetazoline drops
- FDA approved for ptosis
- Stimulates Muller's muscle
- Onset 5-10 minutes
- Lasts 6-8 hours



Tips to Combat Drooping Eyelids



- Wear UV protection
- Don't rub your eyelids
- Avoid smoking
- Find a local oculoplastic surgeon

Thank You

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IG: @DrAminaMalik



Due to the large file size, the slides of Dr. Rahul Pandit cannot be posted.
Please email foundation@houstonmethodist.org to receive a copy of the slides.



A photograph of a surgeon and a nurse in an operating room. The surgeon is in the foreground, wearing a blue surgical cap and mask, focused on a procedure. A female nurse stands behind him, also in scrubs and a mask. Above them are bright surgical lights. A large, abstract graphic of a grid of blue, white, and red squares is overlaid on the right side of the image, extending from the top to the bottom.

THANK YOU FOR ATTENDING OUR TOWN HALL CONVERSATION

If you would like more information about
droopy eyelids, cataract surgery or the
Houston Methodist Blanton Eye Institute,
please contact Sam Wallace at
slwallace2@houstonmethodist.org

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