

DISCLOSURE OF
CONFLICTS OF INTEREST

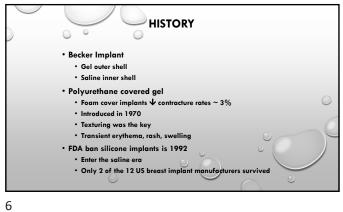
E. Antonio Mangubat, MD

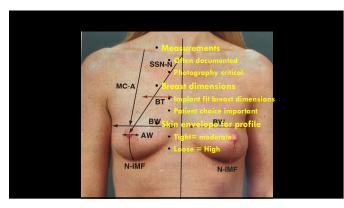
Solta Medical, consultant
KMI, royalty
Shippert Medical Technologies Corp., royalty

• History
• Anatomy (reviewed in breast reduction)
• Implants types
• Approaches
• Implant placement
• Complications



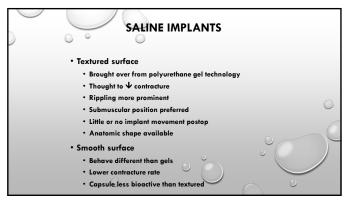




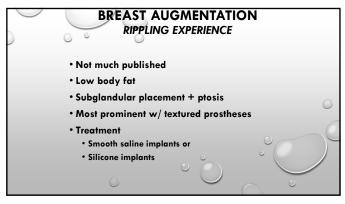


Physical Trait	<u>Saline</u>	<u>Silicone</u>
Appearance	Same	Same
Detectability to touch	More palpable	Less noticeable
Wrinkles/ ripples	Possible	Rare
Palpable "knuckle"	Possible	Rare
Spontaneous deflation	6% in 3 years	Does not occur
Silent rupture	Does not occur	Typical, semi-solid
Incision	Short	Slightly longer
Cost	Less	More costly
Monitoring recommended	None o	MRI q3yr
Frequency of use	Less O	More

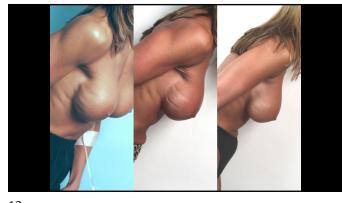
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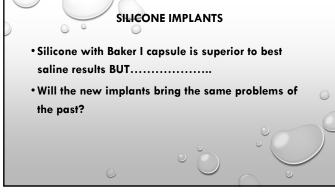
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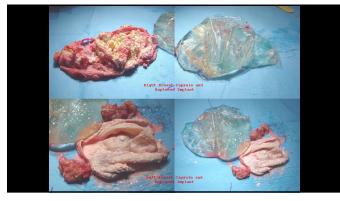




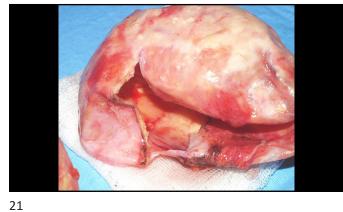


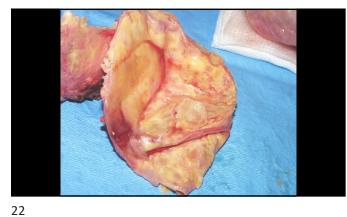
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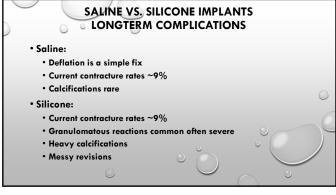






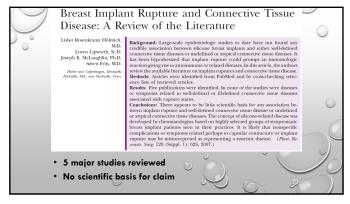


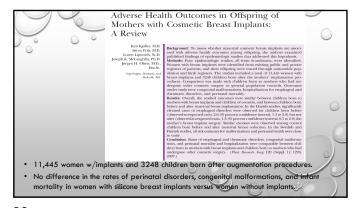




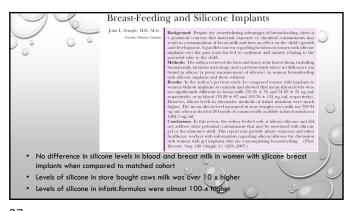
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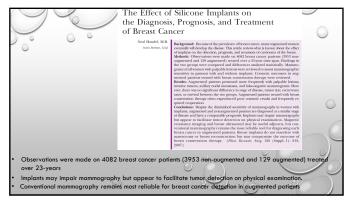


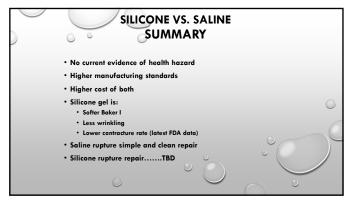




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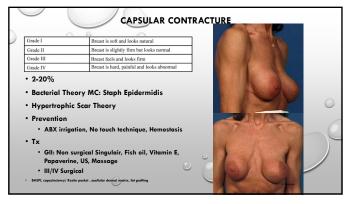


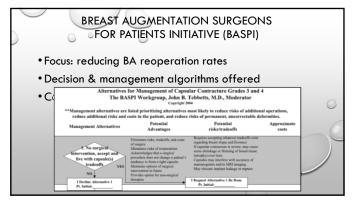




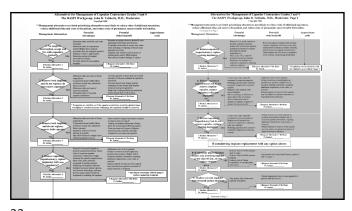
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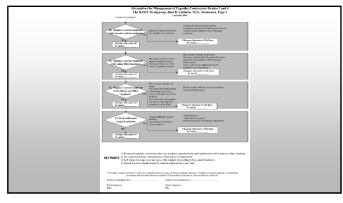


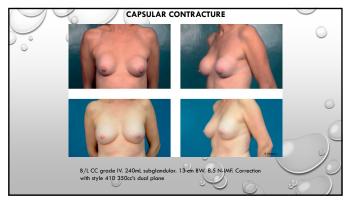




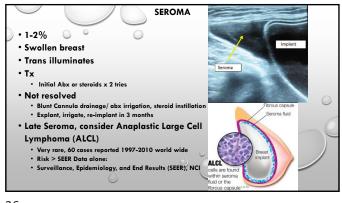
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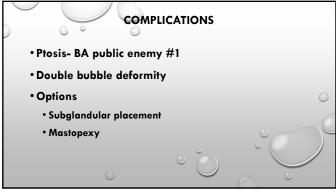


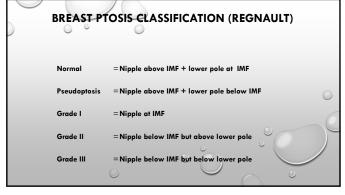




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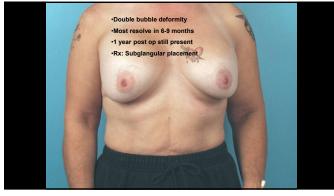
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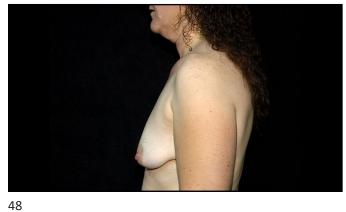






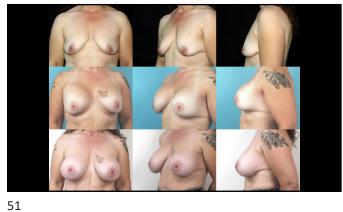


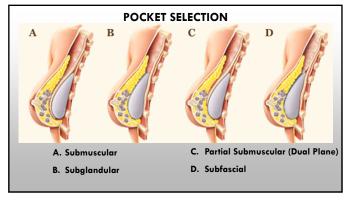


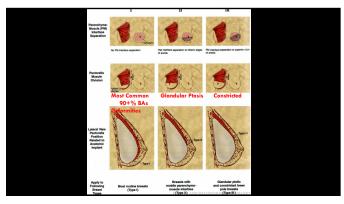


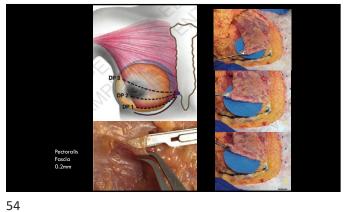


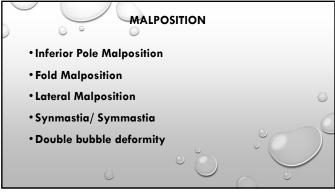


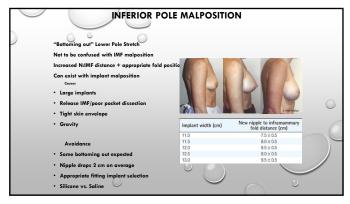








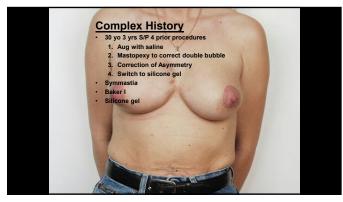


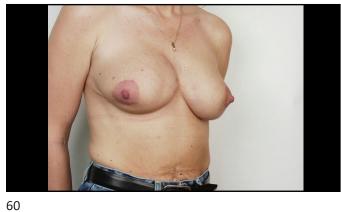


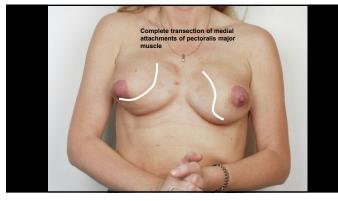
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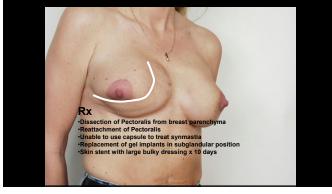






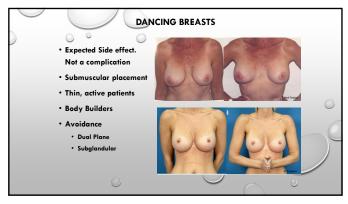




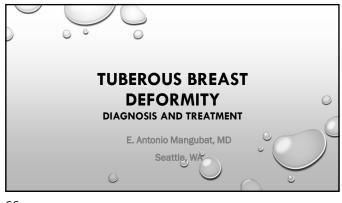


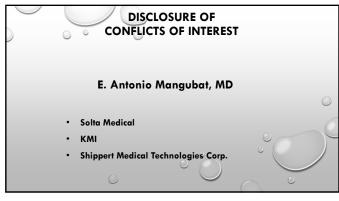






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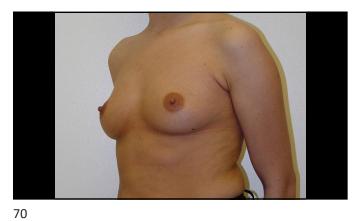






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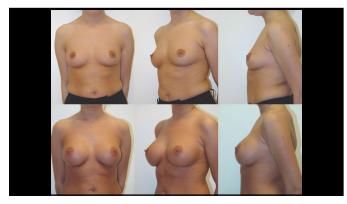












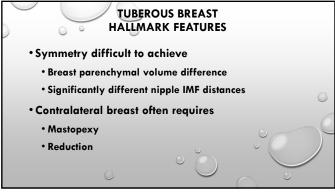


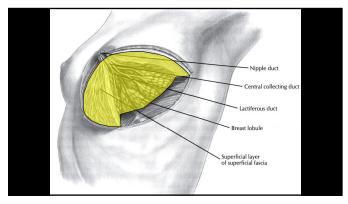




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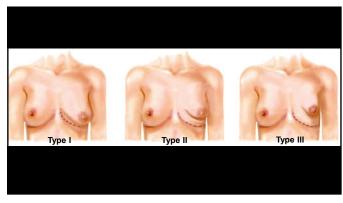
TUBEROUS BREAST HALLMARK FEATURES Deficient skin envelope Short nipple-IMF distance Short vertical & horizontal base diameter creates tubular appearance. Excessively prominent NAC caused by herniation of breast tissue against a constricted base Usually hypoplastic breast Ptosis common with high IMF

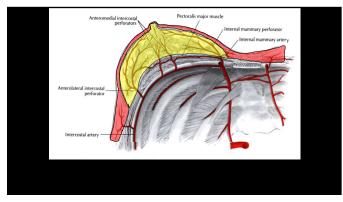




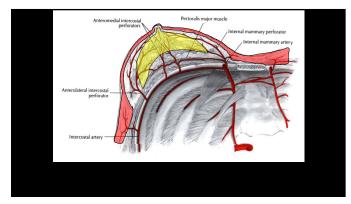
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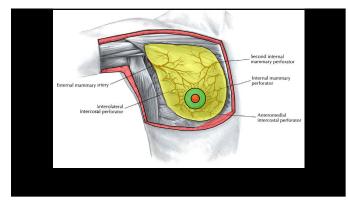
TUBERO	OUS DEFORMITY CLASSIFICATION
<u>Classification</u>	<u>Features</u>
Type I	Lower medial quadrant deficient
Type II	Both lower quadrants deficient
Type III	All four quadrants deficient with constriction of
	breast base horizontally and vertically.
	rý, E, Lovigne, B., et al. Breast base anomalles: Affectment strategy for tuberous

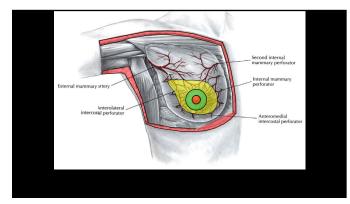




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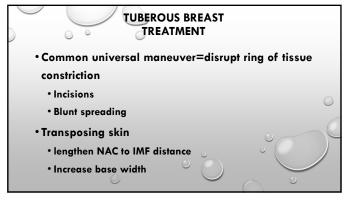


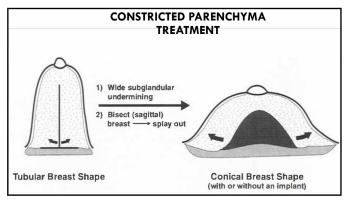




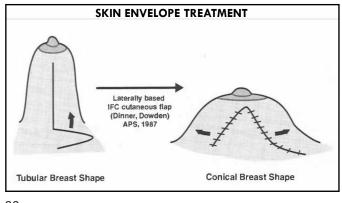
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BREAST CONSTRICTION & ASYMMETRY Difficult challenge Manage expectations — critical Stress breast are sisters NOT twins Requires combination of surgical skill Augmentation for size Mastopexy for ptosis Expanders often needed with deficient skin envelope

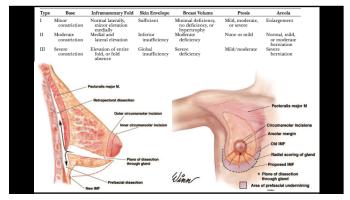




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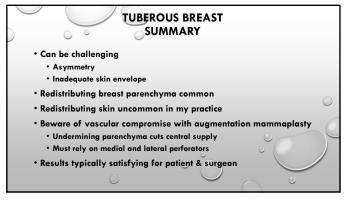






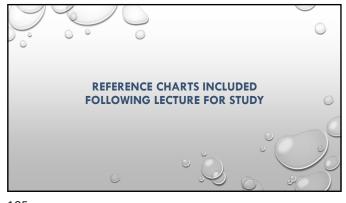
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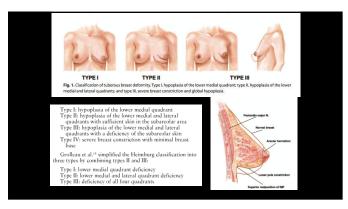


Table 4 Classification of breast augmenta	tion complications and secondary breast deformities		
Patient Concern/Complaint	Underlying Etiology	Anatomic Deformity/Diagnosis	Treatment Options*
Malposition problems			
Breasts are different	Present preoperatively? Underestimated	Asymmetry	Multiple various approaches including explanation
Too far out/arm rubs against	Over dissection of pocket, implant size	Lateral malposition	Capsulaorraphy, capsular flap, soft tissue matrix
Too far in/breasts touching	Release of pectoralis of sternum	Medical malposition/ synmastia	Capsular flap, neopocket/soft tissue matrix, staged
Double bubble/breast coming off implant	Mismatch implant and breast, IMF malposition	Unrecognized constricted breast/double bubble	Plane position change, breast scoring, smaller implant, mastopexy
One breast too low/ bottomed-out	Technical error, unrecognized asymmetery preop	Fold malposition	IMF reconstruction, soft tissue matrix
	Implant too large		
Skin stretched out, nipple too high	Lower pole skin stretch	Lower pole stretch deformity/bottoming out	IMF reconstruction, crescent skin resection
Implant spinning/moving/ wrong shape	Rotation of shaped implant	Shaped implant rotation/ pocket stretch	Exchange to round device, capsular flap-neopocket
Capsular contraction			
Breast too tight	? Etiology unknown	Significant capsular contraction	Capsulotomy
Breast too high	Bacterial theory	Baker III-IV capsule	Capsulectomy
Breast too hard	Hypertrophic scar blood-fluid theory		Antibiotic irrigation
Painful			Implant explanation or exchange
			Change planes
Visible wrinkling/rippling	Thin/poor coverage		Exchange to textural implant
I feel my implants too much	Implant visibility/ palpability		Soft tissue matrix/Acellular Dermis
Soft tissue coverage issues			
Visible wrinkling/rippling	Poor-thin coverage	Wrinkling/rippling	Multiple surgical options
I feel my implants too much	Implant visibility/ palpability	Implant palpability	Pocket change capsular flap, soft tissue matrix

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Patient Content Conglete Accommend Conglete Accommend Conglete Accommend Conglete Avoid of Direath Pharture of I lump Presementhoraxx Chiest tube Avoid division Fincture of sime Intercontal/lower pole nerve stetch or division Tincture of sime Avoid division Tincture of time Callulitis Appropriate antibiotics Appropriate antibiot	Table 4				
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lack and blue Blood Bruising Tincture of time ruising Hematoma Hematoma with Consider evacuation if with	Weird band/string beneath my breast		Mondors bands		
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uising Hematoma Hematoma with Consider evacuation if with textured device form-stable device	Black and blue	Blood	Bruising	Tincture of time	
	Bruising	Hernatoma		Consider evacuation if with form-stable device	
			textured device	form-stable device	-

