







FDA Advisory Panel Findings 2011

	Panel Findings	Approval Process
Mid-urethral slings	All products reviewed. Safety/efficacy confirmed.	Class II (510k)
Mini-slings	All products reviewed. Safety/efficacy require further investigation.**	New products will require pre- and post-market data (existing products grandfathered)
POP kits	Significant safety concerns.	Class III (PMA)
Erosion and contraction are unique complication of mesh procedures No proven anatomic or clinical henefit in apical or posterior compartment repairs Anatomic "benefit" to anterior compartment, but no proven clinical benefit – no clear benefit RR of re-operation for revision was 2.26X greater in women with mesh 1-2 year follow-up bias re-op rate to mesh procedures		
"Source: Academics Sul PresentationSept 2011 FDA Meeting of OBCYM Devices Panel "Source: Medical Benez: A Panel and and meeting benezis in incontinence " Reference: A randomized hall of a retro public tension free vaginal tape versus mini- siling for stress incontinence (2010 Feb: Urogynacology, Base, Dockett		
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Choose the Right Mesh

- Increased fibrosis and deposits of unorganized collagen create an increased stiffness (Klinge, 1999)
- Stiffness has been linked to clinical complications-heavier, stiffer meshes having higher complications (Dietz, 2003)
- Stiffer meshes showed decreases in smooth muscle, collagen and structural proteins following implantation (Moalli, P. AUGS 2011)
- Heavier stiffer meshes showed a greater propensity for stress shielding which in turn could cause reoccurrences of prolapse (Moalli, P. AUGS 2011)

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Choose the Right Patient

Understand that Patient Factors Impact Outcomes

- Age advanced elderly (>80 y.o.)
- Higher rates of postoperative urge incontinence, bladder outlet obstruction and surgical failure compared to "young" elderly (65 – 80 y.o.).
- Urogenital atrophy (poor tissue)
 - Increased risk of vaginal erosion, sexual dysfunction
- Smoking history increased risk of vaginal erosion
- Diabetes 8.3 times more at risk of developing vaginal erosion

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•Full thickness: vaginal epithelium is •Split thickness: opnoerlyinged Stratified *Mit balum Tritopitan epithelium Tritopitan epithe

























Managing Complication

In the case that infection

previous inserted mesh,

material may need to be

removed in its entirety if

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is identified at site of

possible



Managing Complication

treatment of localized inflammatory reactions that

therapy

Transection of mesh arms

· Conservative measures include;

may lead to myalgia, such as anti-inflammatory medications,

local injections, and physical





Dyspareunia

*Source: UroGvn Update: Volume 28, Number 1, 2009

Minimizing Risk

· Do not over tension mesh

