

**Appendix 1. Diagnostic Characteristics of Using a Risk Score Cut-Point of  $\geq 20$  to Identify Women at High Risk of Residual Urinary Incontinence Within 120 Days of Fistula Repair Surgery**

	True Event	True non-Event	
Event identified by risk score	74	97	171
Non-event identified by risk score	17	166	183
	91	263	354

Sensitivity	$74/91 = 81\%$
Specificity	$166/263 = 63\%$
Positive predictive value	$74/171 = 43\%$
Negative predictive value	$166/183 = 91\%$

Proportion of the population identified by the risk score for intervention	$171/354 = 48\%$
Proportion of the population where the risk score incorrectly predicted event	$97/354 = 27\%$
Proportion of the population where the risk score missed predicting an event	$17/354 = 5\%$

Bengston AM, Kopp D, Tang JH, Chipungu E, Moyo M, Wilkinson J. Identifying patients with vesicovaginal fistula at high risk of urinary incontinence after surgery. Obstet Gynecol 2016; 128.

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## Appendix 2. Risk Score for Residual Urinary Incontinence Within 120 Days of Vesicovaginal Fistula Repair Surgery

### Directions:

- All women start with a score of 0.
- Check off box correct category for each risk factor.
- Sum the points for all risk factors and record the final risk score at the bottom.

Risk Factor	Check correct box	Points
<b>Age</b>		
≤ 50	<input type="checkbox"/>	0
>50	<input type="checkbox"/>	17
<b>Number of Prior Surgeries</b>		
0	<input type="checkbox"/>	0
≥1	<input type="checkbox"/>	12
<b>Goh VVF Size</b>		
<1.5 cm	<input type="checkbox"/>	0
1.5 – 3.0 cm	<input type="checkbox"/>	8
> 3.0 cm	<input type="checkbox"/>	7
<b>Circumferential Fistula</b>		
No	<input type="checkbox"/>	0
Yes	<input type="checkbox"/>	15
<b>Vaginal Scarring</b>		
None or Mild	<input type="checkbox"/>	0
Moderate or Severe or Obliterated	<input type="checkbox"/>	7
<b>Urethral Length</b>		
> 1.5 cm	<input type="checkbox"/>	0
≤1.5 cm	<input type="checkbox"/>	6

Sum points for all checked boxes

RISK SCORE

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