



# Effect of Visual Aid on the Accuracy of **Blood Loss** Estimation in Obstetric Unit

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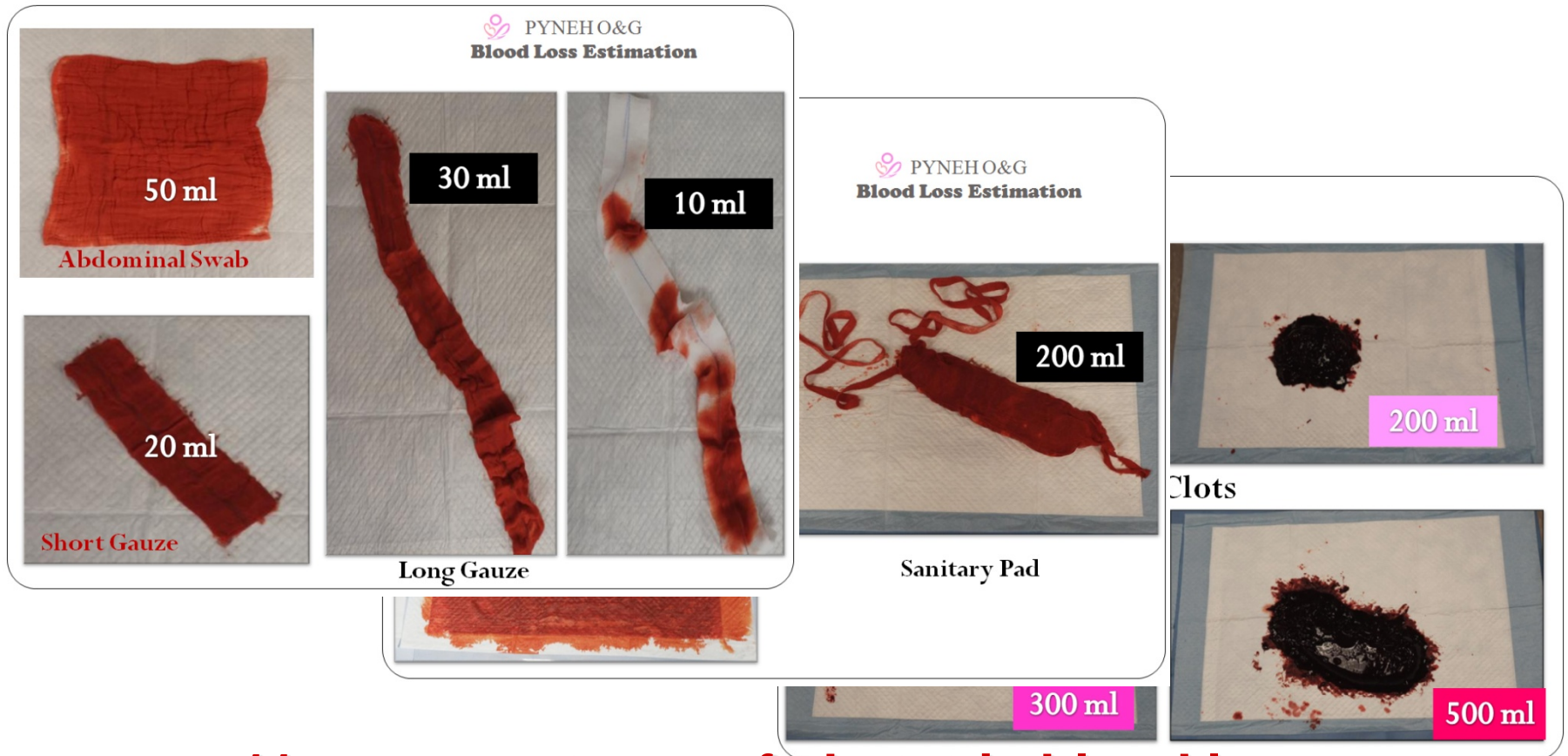
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# Objectives

- To assess the **accuracy of blood loss estimation** by obstetricians and nurses after introducing **visual aid** in clinical practice



**11 common types of obstetric blood loss**

# Methodology

Mar 2017

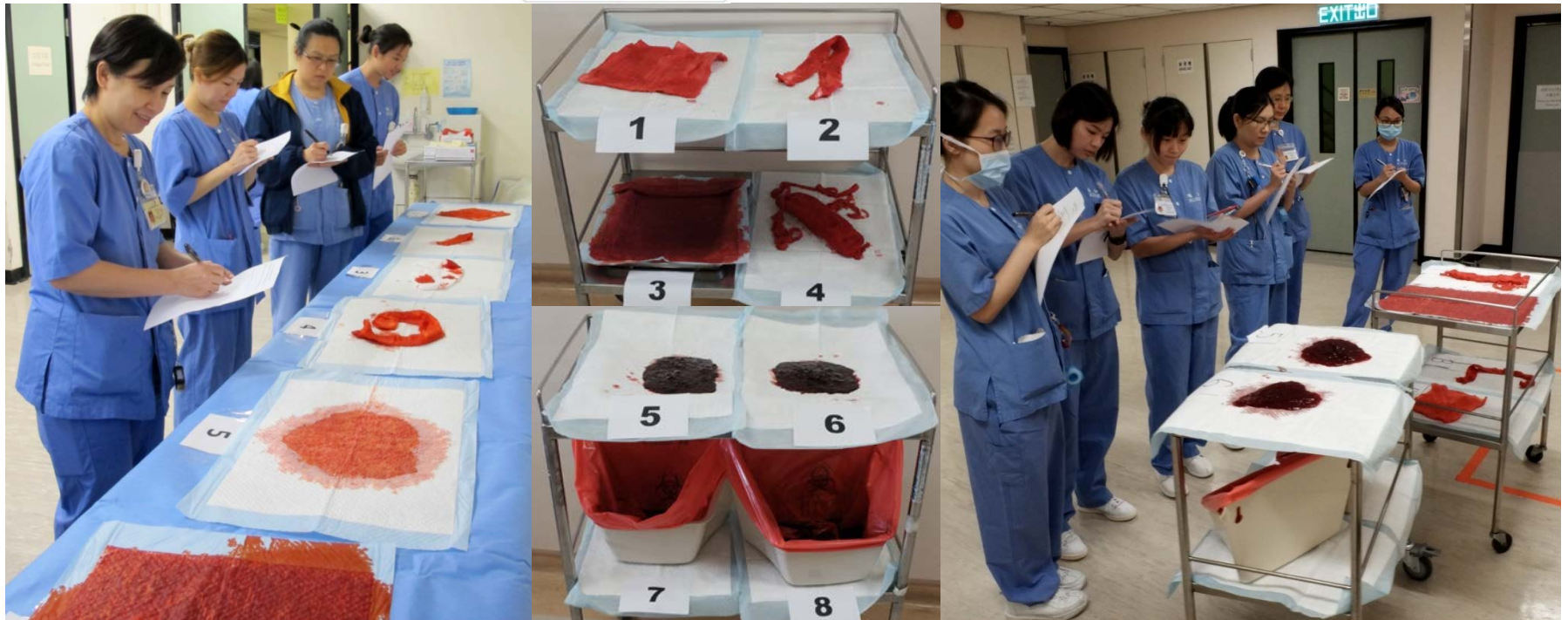
Dec 2017

Pre-test

Visual aid





6-month post-test

9-month post-test





# Results

	<b>Underestimate</b> ( $< 20\%$ )	<b>Accurate</b> ( $\pm 20\%$ )	<b>Overestimate</b> ( $> 20\%$ )
<b>Pre-test</b>	33.4%	26.8%	39.8%
<b>6-month post-test</b>	47.7% ↑14.3%	25.2% ↓1.6%	27.1% ↓12.7% 
<b>9-month post-test</b>	31.2% ↓2.2% 	45.1% ↑18.3% 	23.7% ↓16.1% 

# Conclusion

- Visual aid would help healthcare professionals **gradually increase** their **accuracy of blood loss estimation**
- It **took time** for them to **get familiar** of the visual aid, so **early introduction** of visual aid in clinical practice is required

