**NEED:** To reduce the incidence of Needlestick Injuries (NSIs) and transmission of blood borne diseases among healthcare workers in Sub-Saharan Africa (SSA)

**PREVALENCE OF NSIs IN UGANDAN NURSES & MIDWIVES (1)**

- Experienced NSI: 57%
- Have Not Experienced NSI: 43%

51.7% of nurses had low level of knowledge on standard precautions in SSA (6)

**2 MILLION**
NSIs in healthcare workers worldwide result in HBV, HCV, and HIV infections annually (2)

- 7.3% HIV rate in Uganda (3)
- 10% HBV rate in Uganda (4)
- 5.3% HCV rate in SSA (5)

**APPROACH**

Implement a 5-day training program (Safe from Sticks) at Mulago Hospital to educate in phlebotomy safety

Phase I
- One day reeducation program
- Needle safety, procedures, disposal

Phase II
- Guided practice over four days
- Demonstrations and feedback

**PROJECTED OUTCOMES**

Expected 20%-30% decrease in NSIs among medical personnel at Mulago Hospital over 1 year, 50% over 5 years

**REFERENCES**


**PREVALENCE OF NSIs**

<table>
<thead>
<tr>
<th>Before SFS</th>
<th>1 Year</th>
<th>5 Years</th>
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<tbody>
<tr>
<td>1026</td>
<td>846</td>
<td>476</td>
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