Fig : 1

 

Fig : 2



Fig : 3

Fig: 4

Fig : 5

Fig : 6

Fig : 7

\*Outer GP means only outer glove perforation without inner glove being perforated.

 \*Inner GP denotes outer and inner both the gloves being perforated.

 Fig : 8

Fig:9

\*Significant exposure is the exposure which carries the potential for transmission of disease.

**Blood and body fluid exposure (BBFE) protocol**

Fig : 10

*\*Glove perforation*

*\*Associated with NSI /breached surgeons hand / high risk patient*

*\*NOT Associated with NSI/ No breach in surgeons hand / low risk patient*

Rinse wound with water and soap/ rinse mucous membrane with water

**Report to supervisor, occurance variance report, Go to OHS** (ER outside business hrs)

Follow up at 3 & 6 mns = hepatitis screen

Follow up 3 & 6 mns hep scan

Treatment by AIDS expert

HIV ab 3 and 6 weeks

 PCR at 6 weeks

**Start PEP** Toxicity monitoring 72 hr, 1 wk & 2 wk, CBC, LFT, Renal function

T

Follow up at 6 mns LFT

Follow up at 6 mns HCV, LFT

6 weeks HCV ,PCR

HBIG 2 Dose if non responder

HBIG & engerix B – if not non responder

Yes

Yes

Yes

Baseline HCV , LFT

No

No

Send ‘source’ blood for NSI

Send ‘employee’ blood for NSI

 Source positive

Source negative for HIV, HBV, HCV

Follow up for

+ HB anti or + HB S Ag

*Hepatitis B S Ag+*

HC anti (.)

*Hepatitis C Anti+*

HIV anti (.)

*HIV Anti+*

**Legend :**

ER = Emergency room, Surgical Pavilion

OHS = Occupational Health & Safety Deptt

NSI = Needle stick injury **order set** in MediTech

PEP = Post exposure prophylaxis

\*Proposed points as per our study in modified algorithm

No