HIV EXPOSURE INCIDENTS

Real Behaviour should inform the Design of Learning Opportunities

BACKGROUND

The prevalence of HIV infection in hospital gatients in South Africa is at least 46V1. Medical students of the inverseity of prescriba are exposed to patients presenting with AIDS related linesses on a daily basis of the present search and practice the standard AIDS related to the search of the third prescribed to the their second year, that from exposure incidents showed that they did not consistently exposure incidents showed that they did not consistently exposure incidents showed that they did not consistently exposure incidents showed the present the second year. hat they did not consistently pract

in their subsequent clinical work. The School of Medicine asked the Department of Family Medicine to set up a protocol and task charge of the care of students presenting with an exposure incident. An audit was done on the reported HIV exposure incidents from 2004 to 2008. Examination of the results allowed us to reflect on the possible causes of the reported student behalvior and to propose changes to

RESULTS OF AUDIT

195 incidents were reported over the 4 year period.
 64% were needle stick injuries that occurred during the process of intravenous cannulation (43-125) or vend puncture (41-125).
 of the resister.

Of the reported splash incidents most occurred during surgery (20/70), followed by suturing (14/70) and IV cannulation (12/70).

of their 6 years of undergraduate training.

8 61 students were prescribed dual therapy (Com 3TC & AZT) for post exposure prophylaxis.

8 students required triple therapy (STC, AZT & Kallednay)

CONCLUSION

inalysis of students' behaviour in the clinical situation ised to improve learning opportunities. kills lab training needs to simulate clinical reality as clo

posed curriculum revisions

Conclusions from audit Clinical practice

Cannulae and needles must not be

praced away from the s of the exercise, so that students learn how to transport the sharps to

precautions' should be modeled by

General measures

Immediately prior to clinical rotations:
 Competence should be reassessed in the skills lab.



