

**0597 THE BURDEN OF DEATHS CAUSED BY GUNS IN MAPUTO CITY, MOZAMBIQUE**

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**Background** Studies carried in Mozambique show that injuries are one of the 10 top leading causes of death in the country.

**Objectives** Provide baseline profile of injury mortality caused by guns.

**Methods** This is a cross-sectional study of all non-natural deaths recorded from 2000 to 2009 at The Forensic Medicine Services in Maputo Central Hospital. This data was abstracted from hand written autopsy reports, into 15 item- one page, standardised form. The data collection was designed in order to evaluate the following variables: gender; age divided into four groups (0–19 years old), (20–39 years old), (40–59 years old) and over 60 years old; socio-economic status and intentional death (homicide and suicide) as well as non-intentional death.

**Results** Over this period 12 732 autopsies have been done out of which 6% (n=764) were resulting in deaths caused by gun fire. The majority of victims were male 95.2% (n=727) and were also single 77.7% (n=594). We found out that the distribution by age groups were: (0–19 years old) 10.73%; (20–39 years old) 69.11%; (40–59 years old) 17.27% and over 60 years old 20%. Regarding the socio-economic status, we realised that the victims those worker for others were 40%, own business were 19%, unemployed/others were 31% and students were 10%. Almost (99%) of the case are related to homicides.