



Terror, Epidemiology and Ethics- What does the evidence show?

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Rome, Dec 2008

Population



- Terror casualties from the Israel Trauma Registry (N=2425)
- Period time: 10/2000-12/2005
- 10 Hospitals including in the registry:
 - ◆ 6 Level I Trauma Centers
 - ◆ 4 Regional Trauma Centers
 - ◆ Patients were hospitalized or died in ED
Or transferred between hospitals



Aim



To find whether there are
differences in the treatment and
hospitalization of:

**Children compared to adults and
elderly**



Assumptions

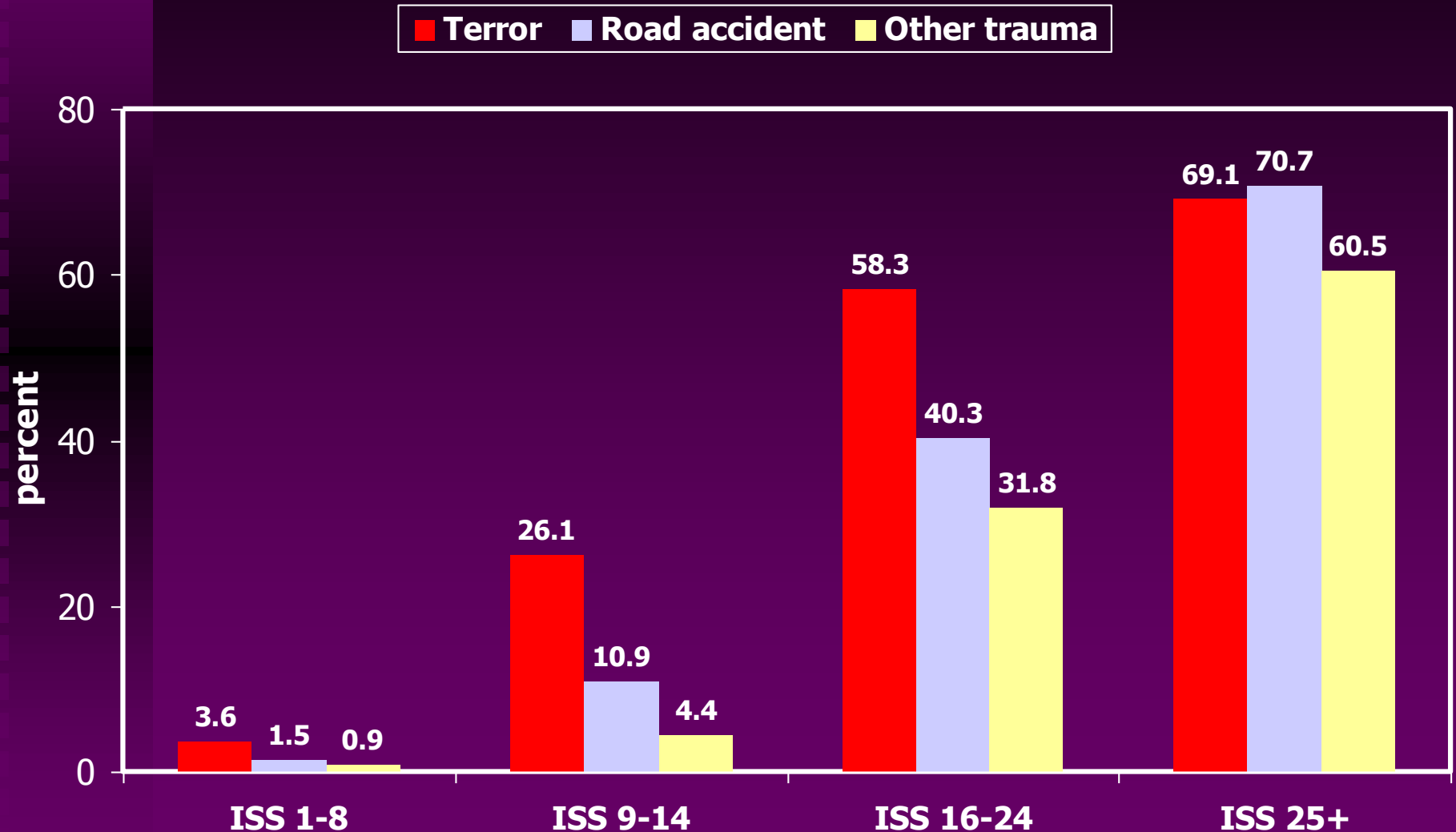


- **Children casualties in terror will be treated more emotionally and carefully**
- **Elderly casualties in terror will be treated less sensitive and carefully**

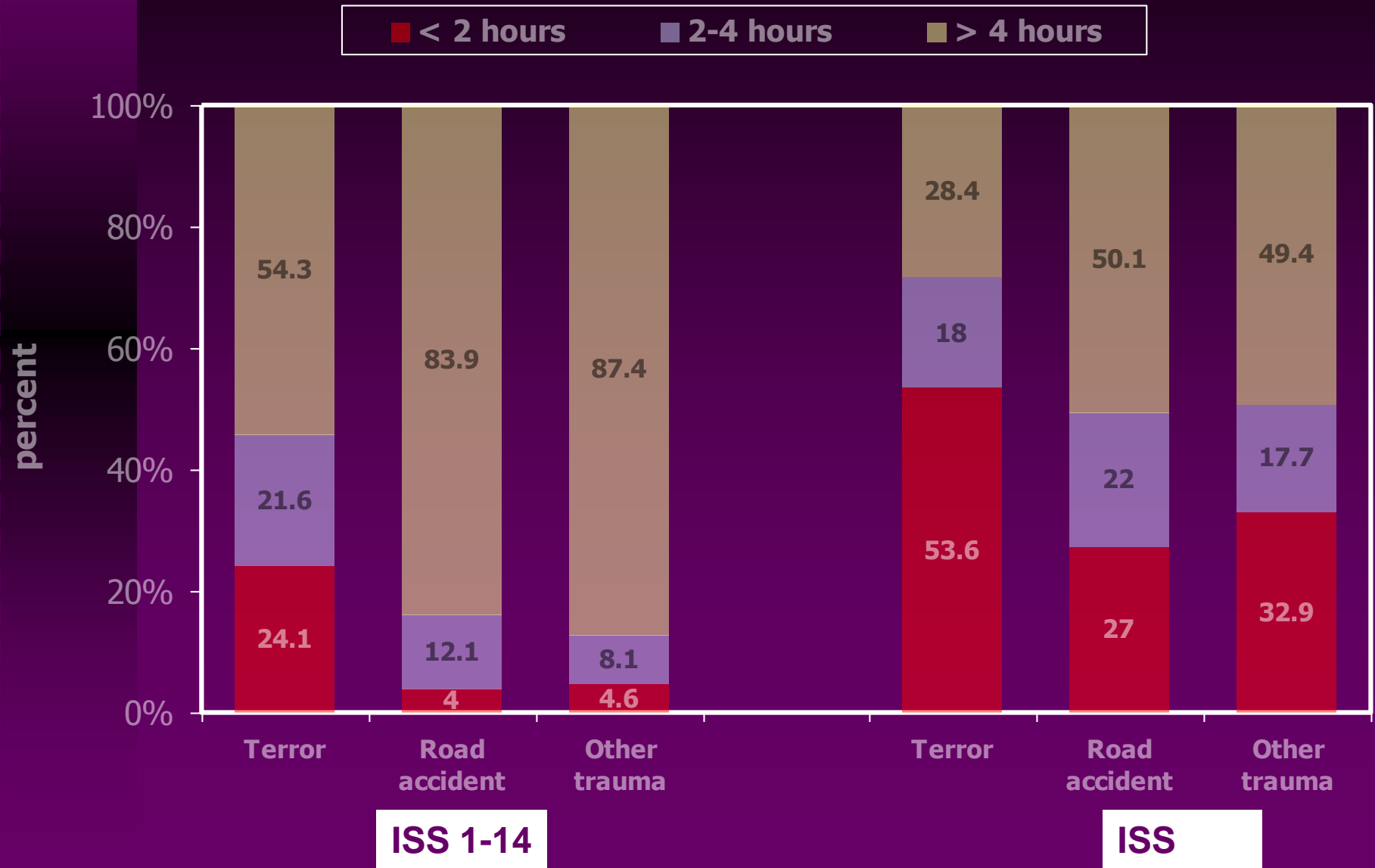
Background

**Terror vs. MVA vs.
other Trauma**

ICU admissions of Terror vs. Road accidents and other trauma casualties by Injury severity



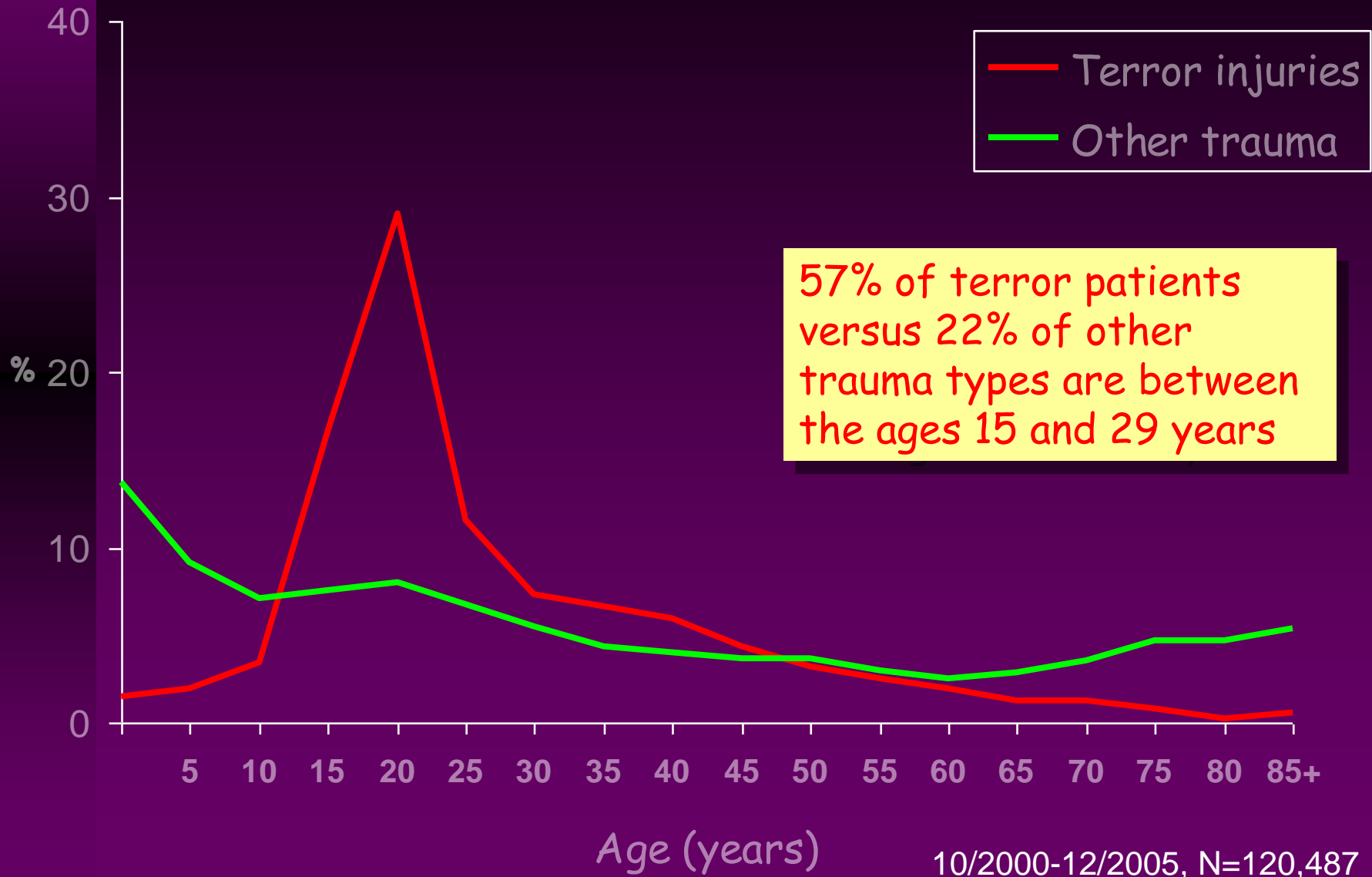
Time until Operation of Terror vs. Road accidents and other trauma casualties by Injury severity



Terror Injuries by Age

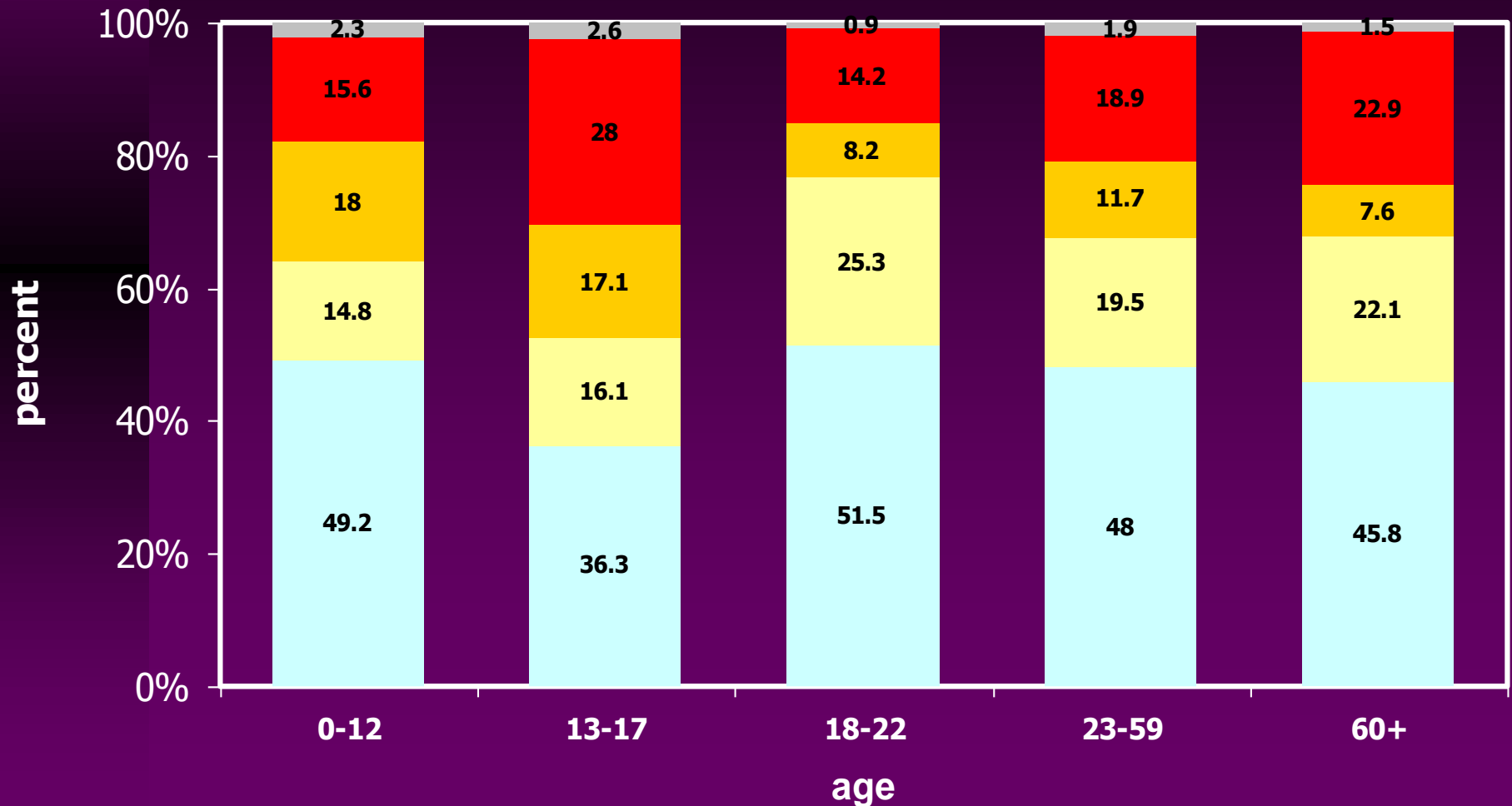


Age distribution

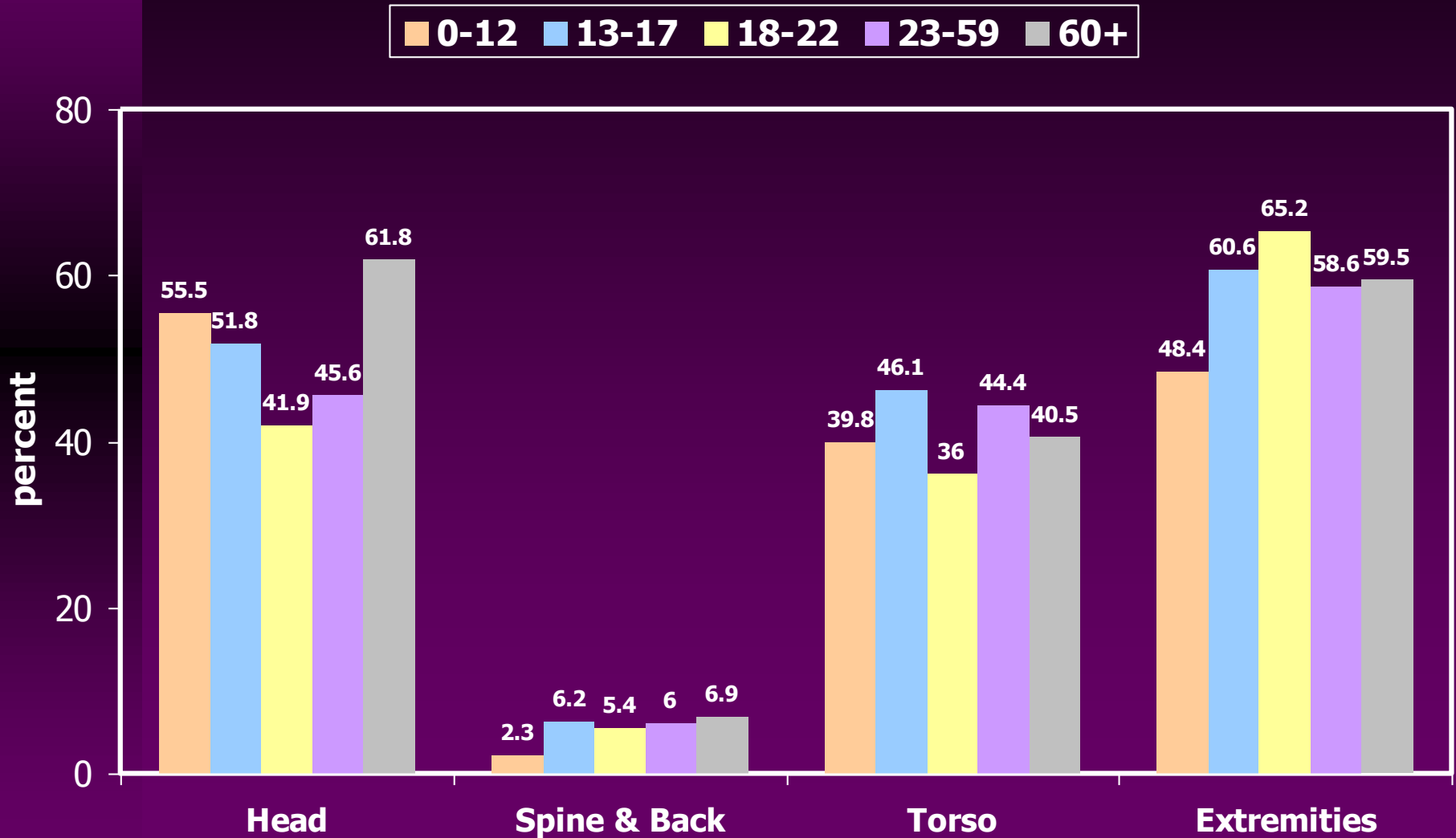


Terror Injuries Severity by Age groups

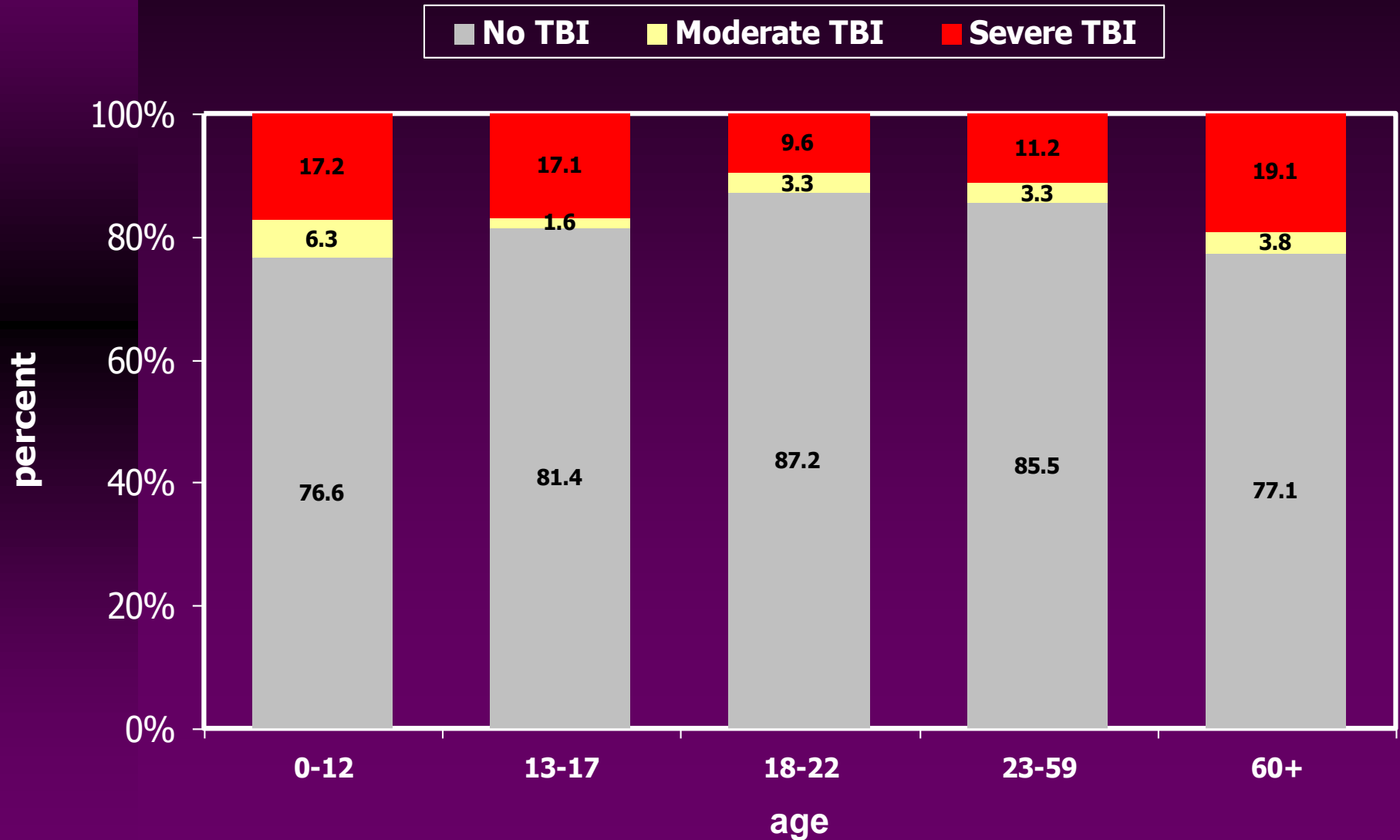
ISS 1-8 ISS 9-14 ISS 16-24 ISS 25+ unknown



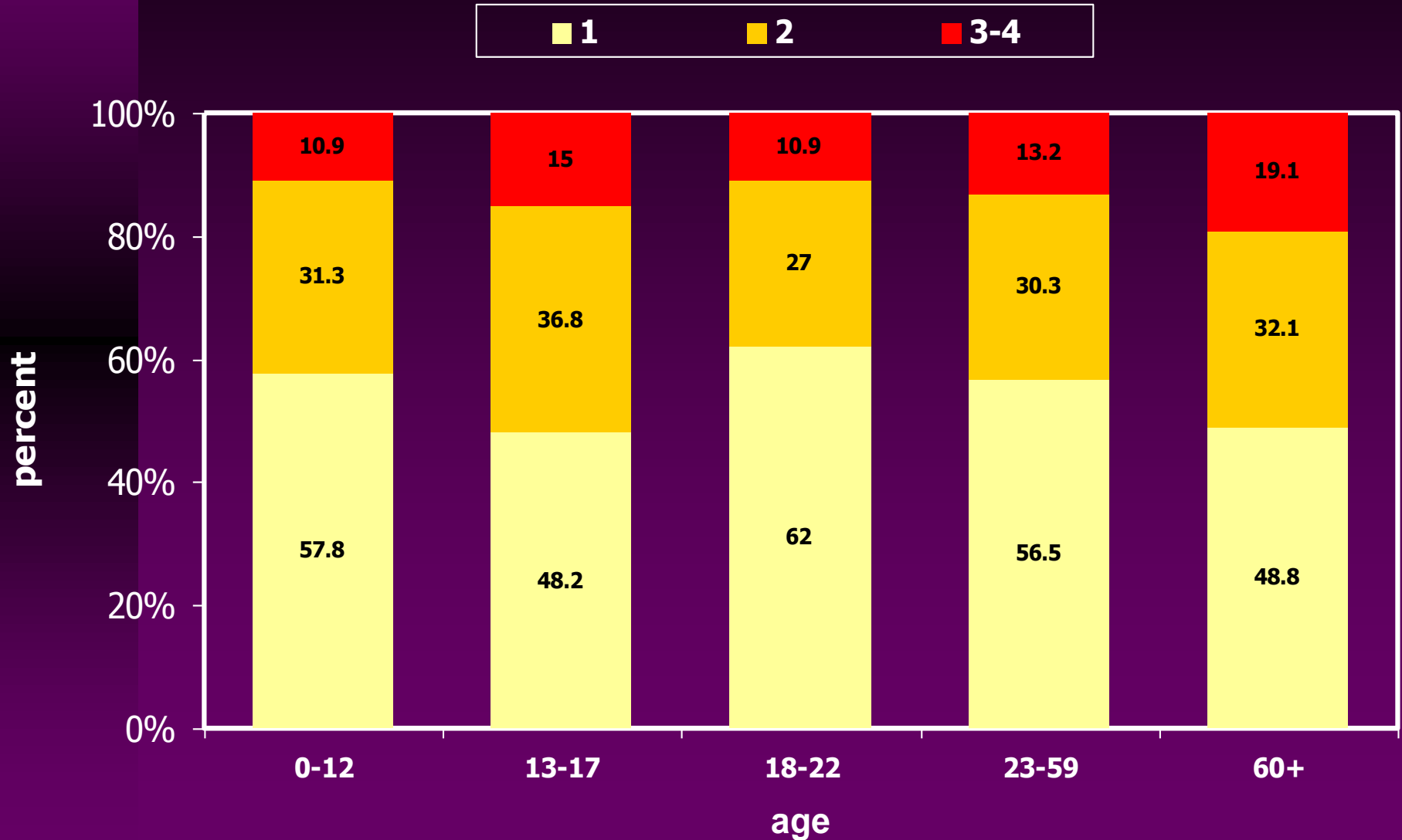
Body Regions injured in Terror by Age



Severity of Head Injury in Terror by Age

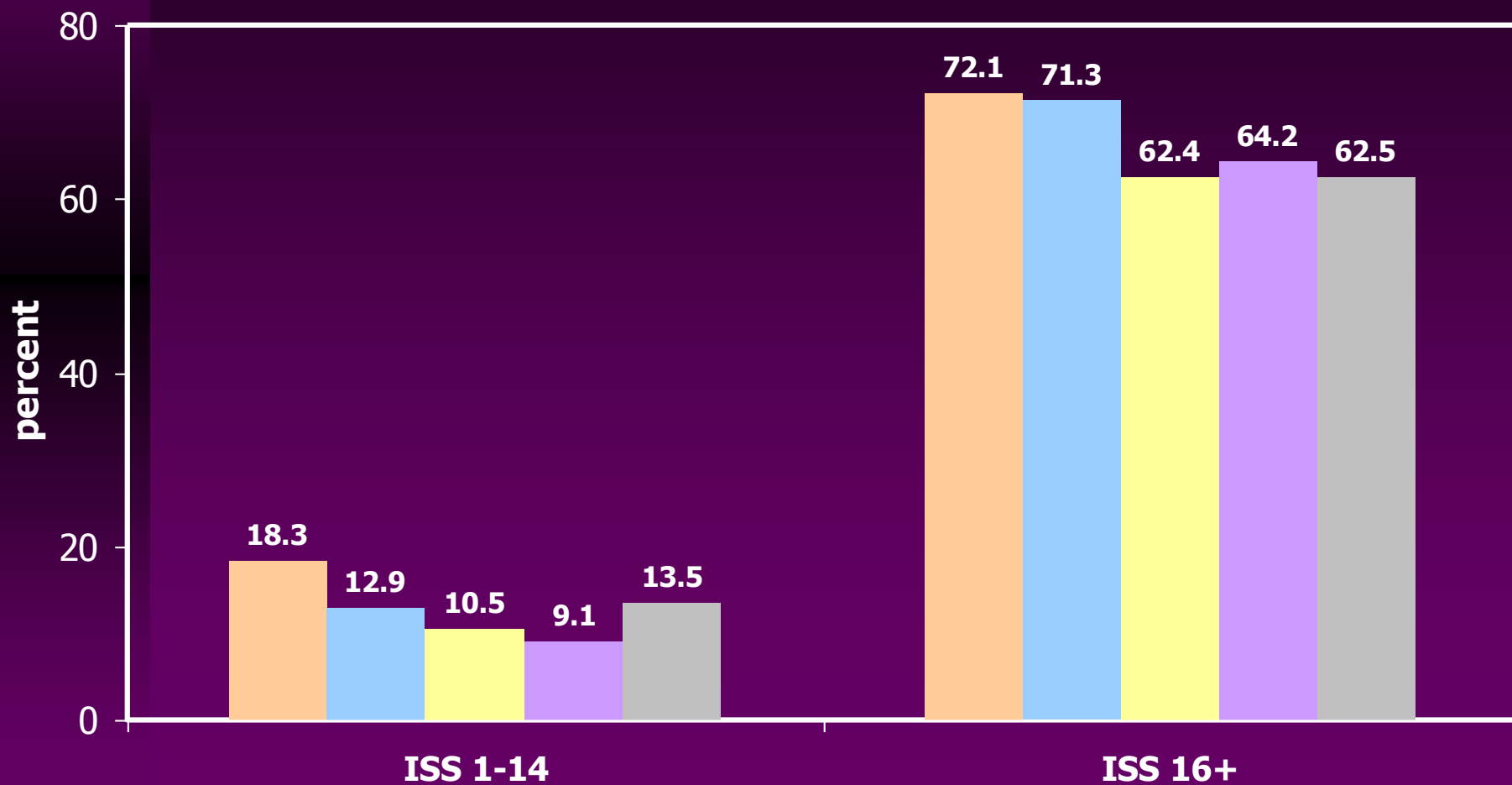


Number of Body Regions injured in Terror by Age

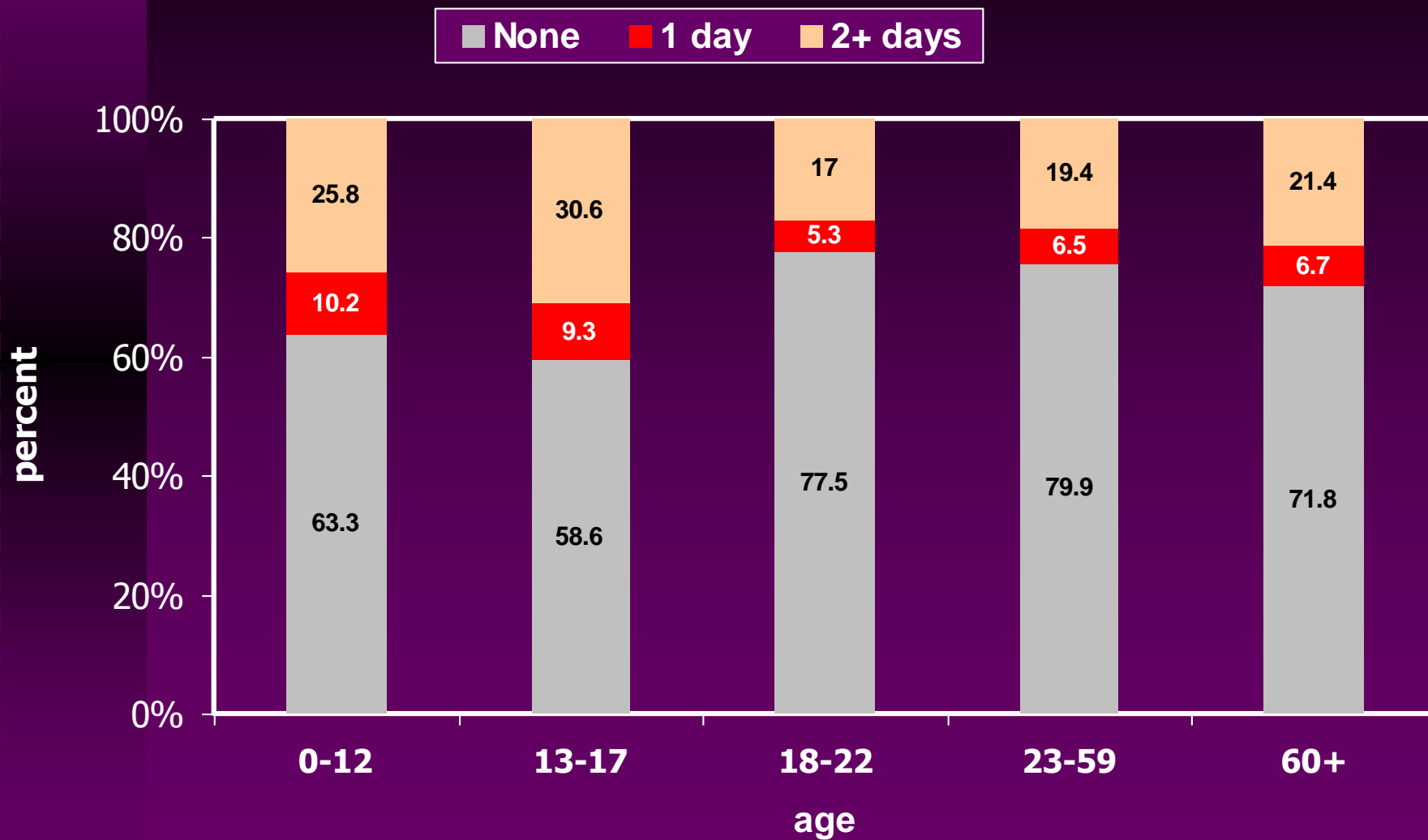


ICU admissions of Terror casualties by Injury severity and Age

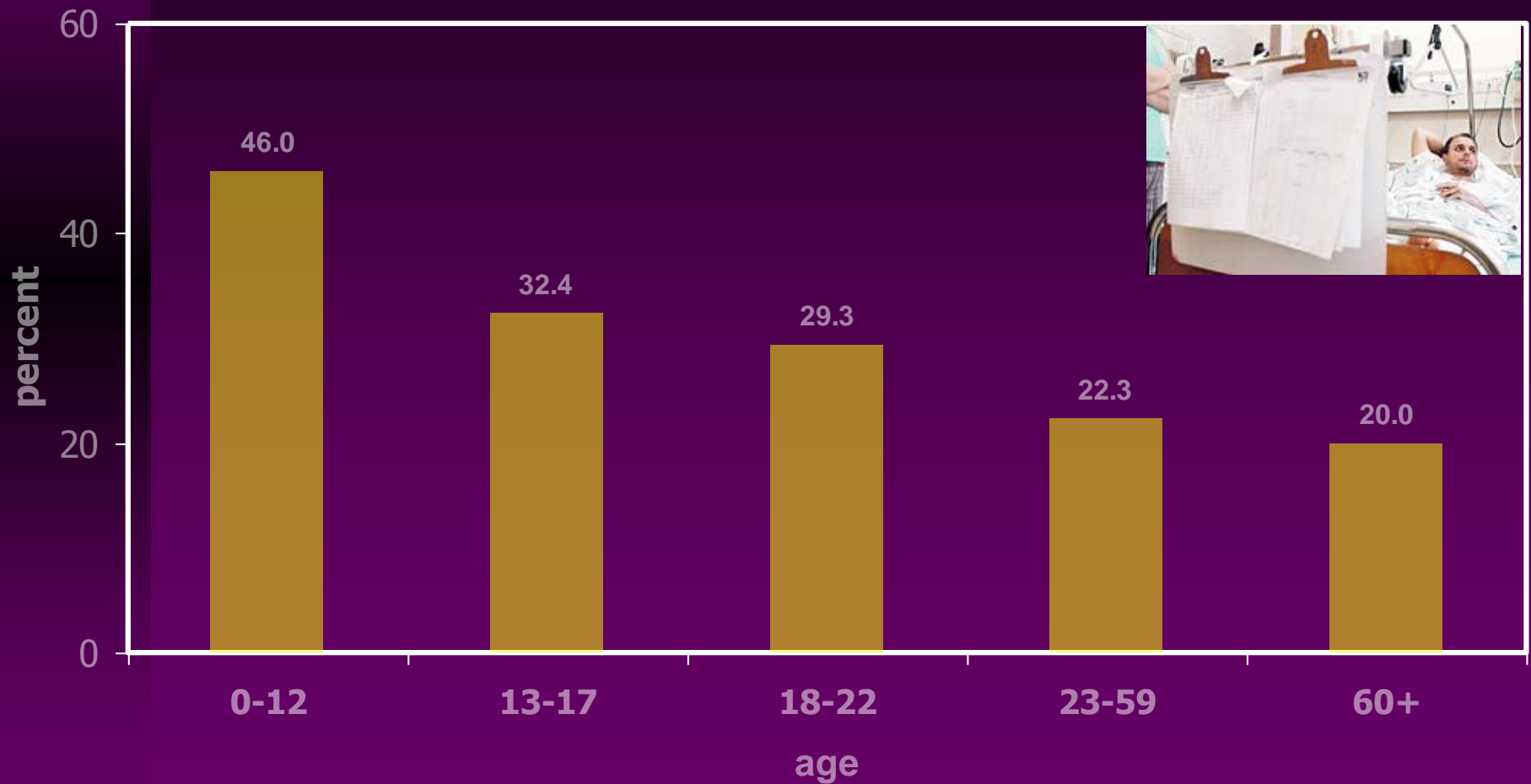
0-12 13-17 18-22 23-59 60+



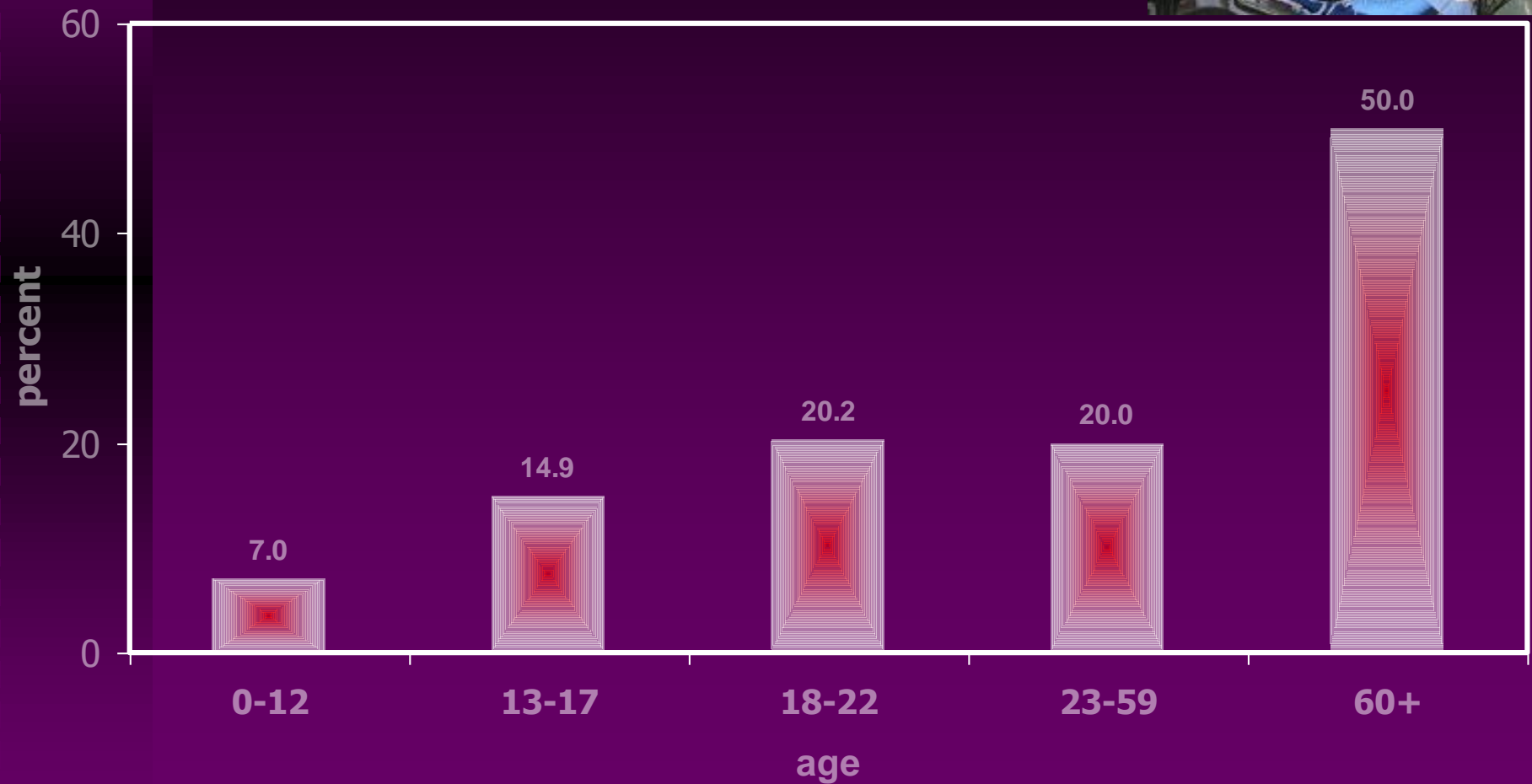
Number of days in ICU of Terror casualties by Age



Percent of Mildly injured (ISS 1-8) from Terror with LOS in hospital=1 day by Age

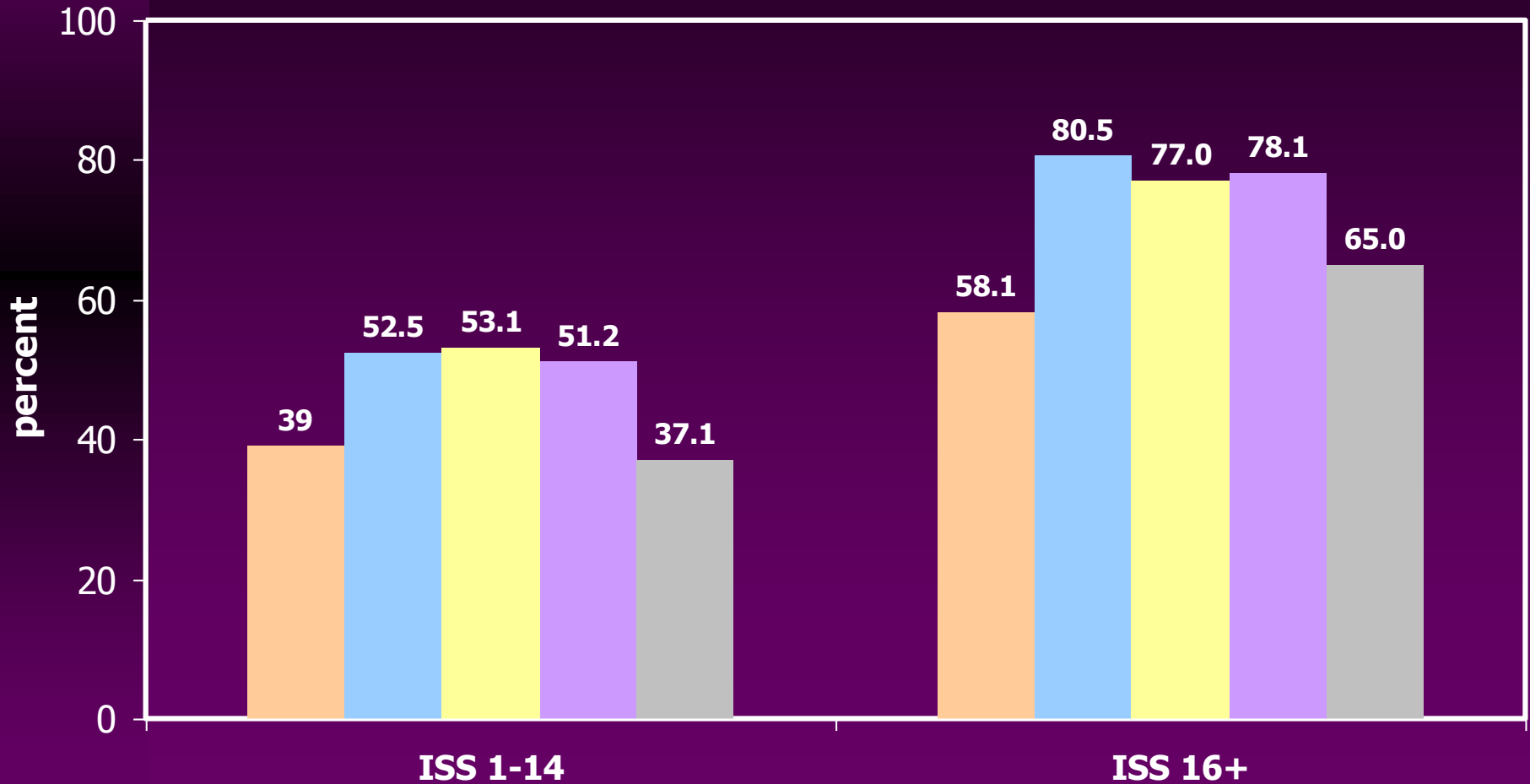


Mortality of Terror severely & critically injured (ISS 16+) by Age

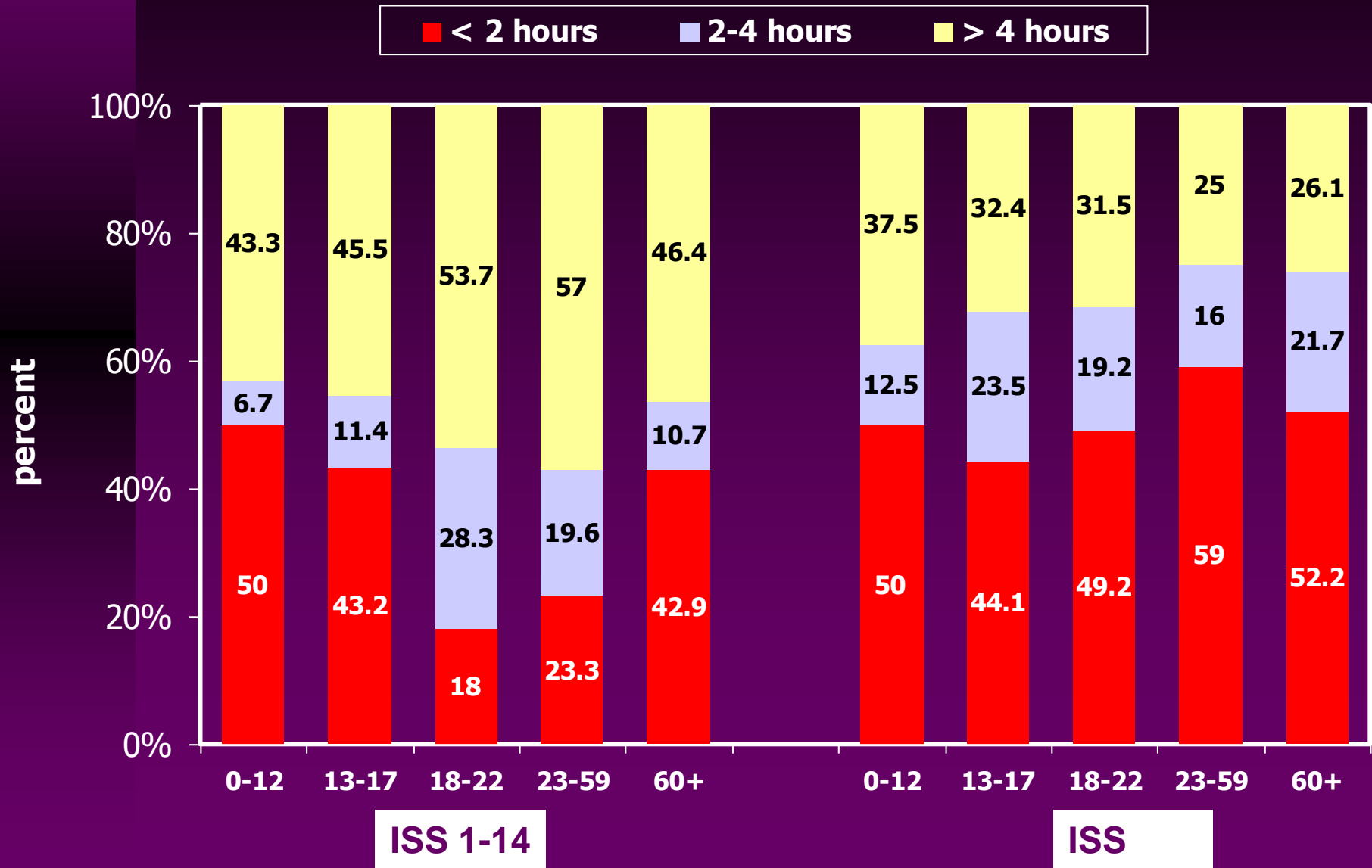


Operations of Terror casualties by Injury severity and Age

0-12 13-17 18-22 23-59 60+

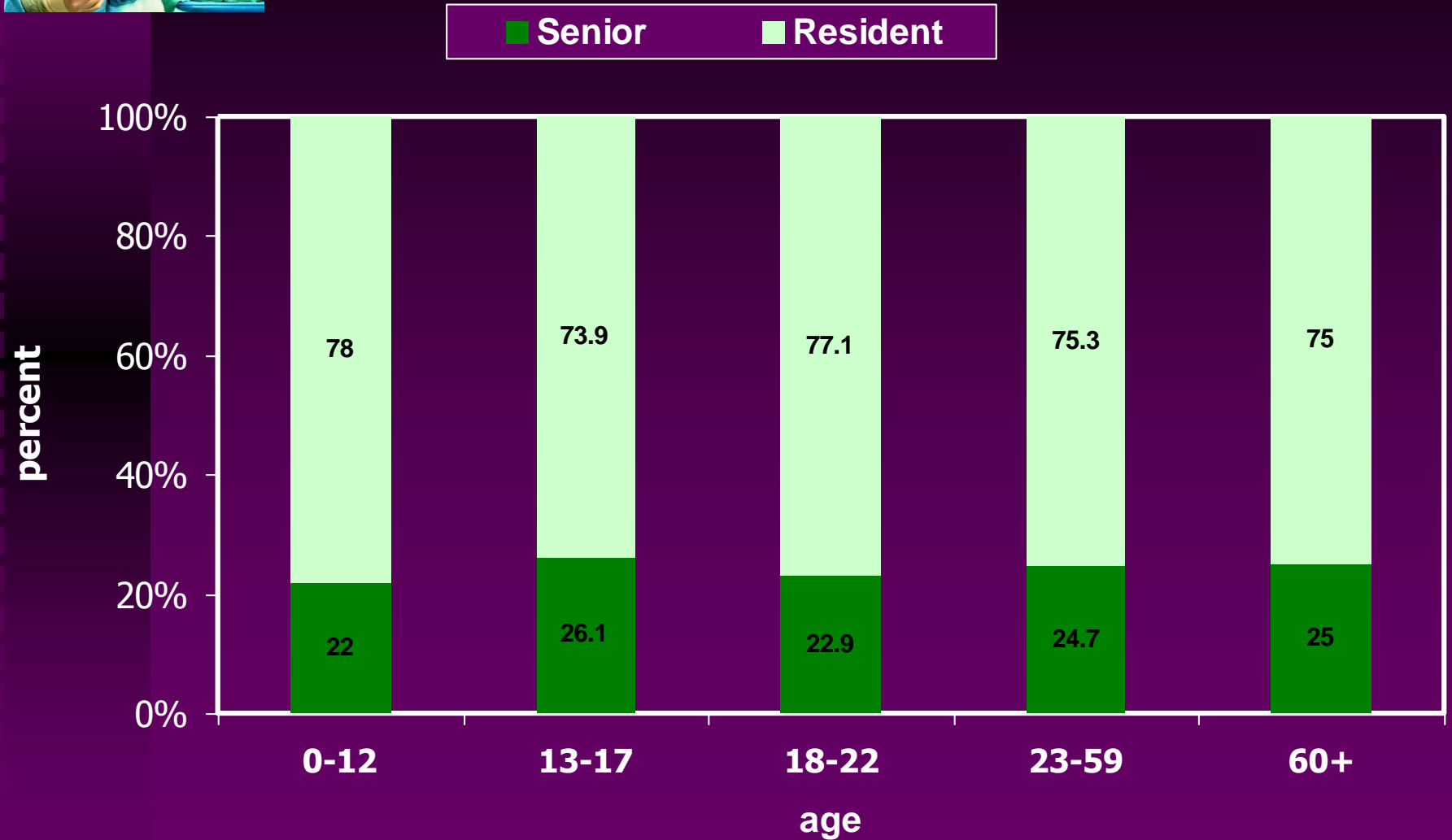


Time until Operation of Terror casualties by Injury severity and Age





Seniority of first attending physician among Terror casualties by Age

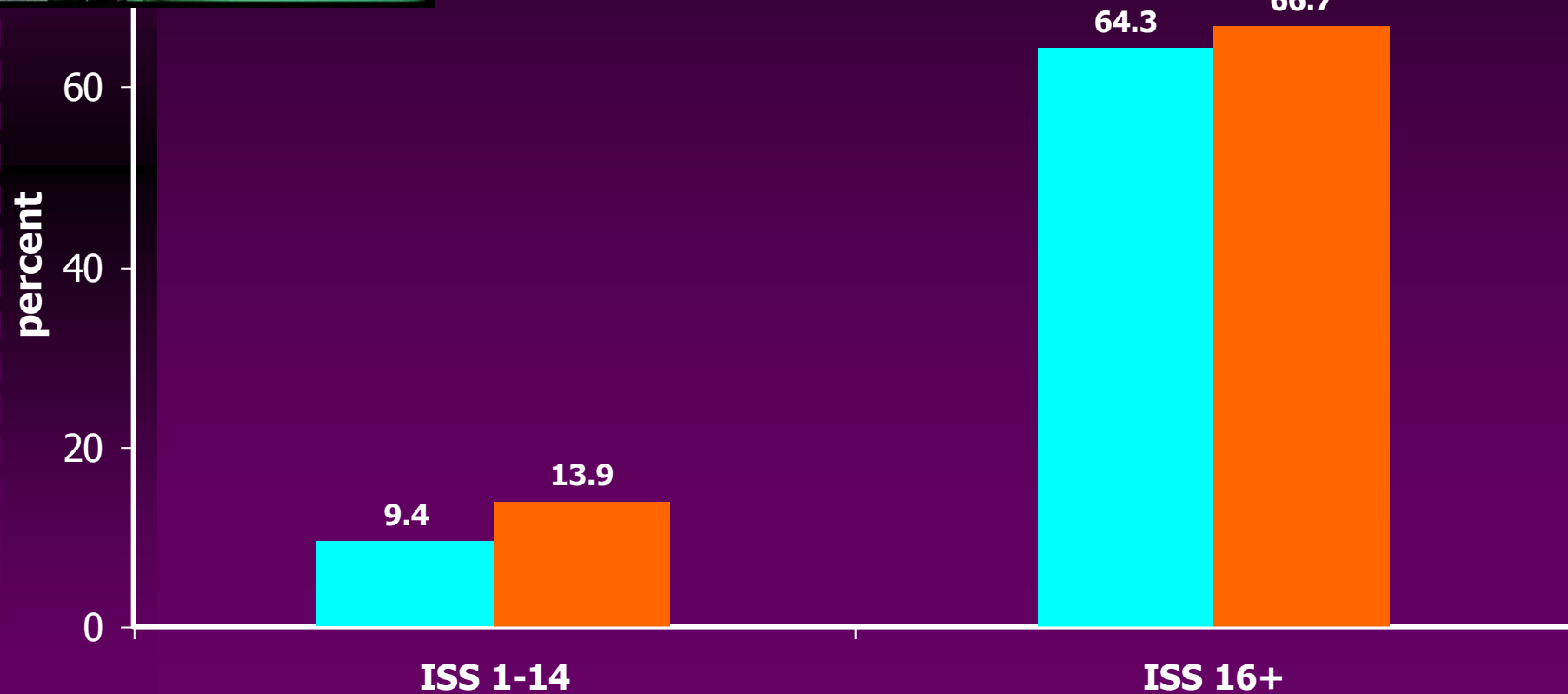




ICU admissions of Terror casualties by Injury severity and Nationality

■ Jews

■ Arabs

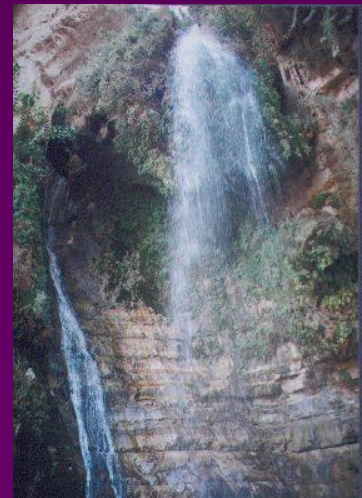


Points of thought

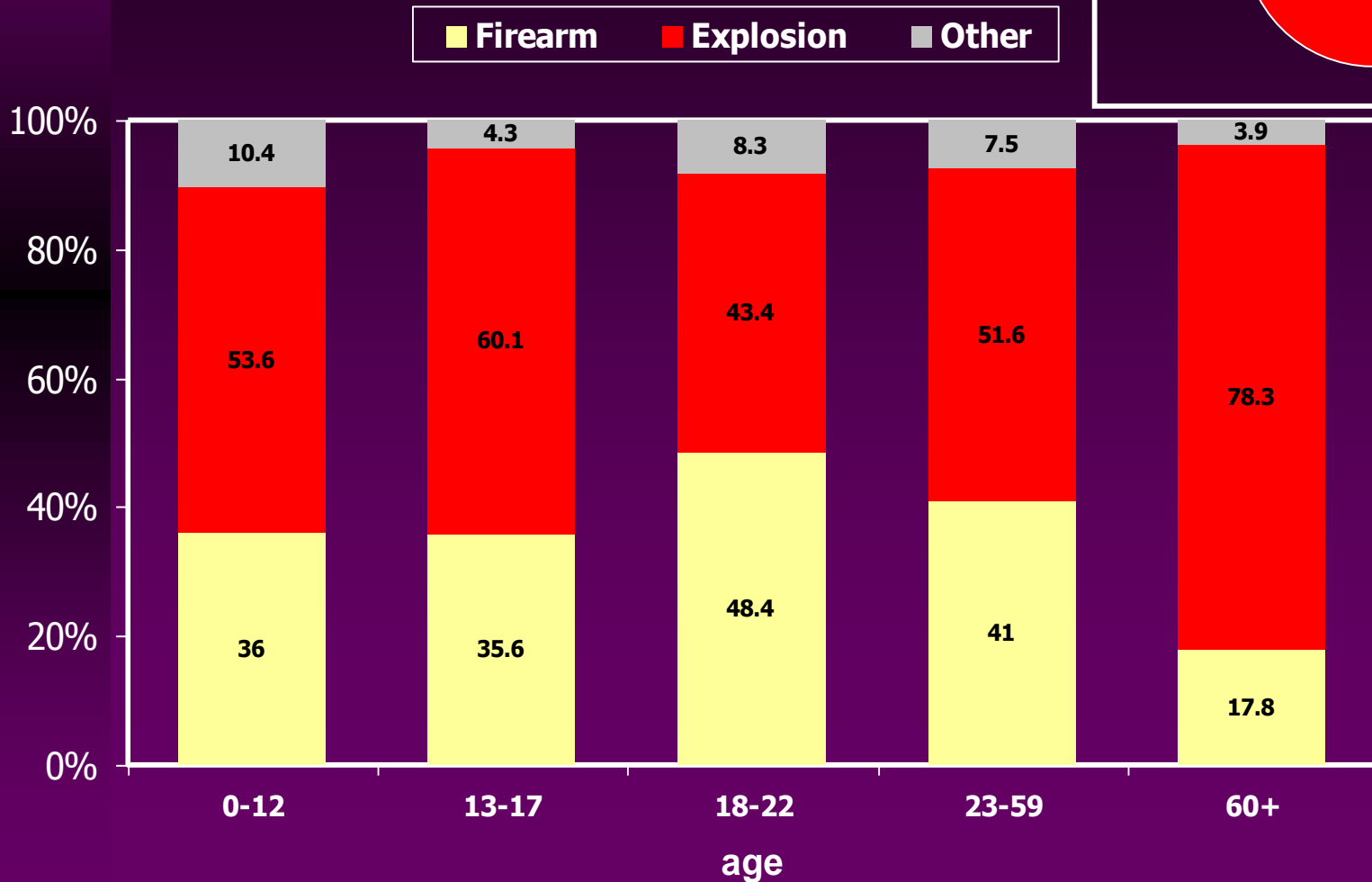
- Are we more sensitive and emotion for children, especially in terror events?
- Is this situation influence the outcomes?
- Is this situation influence other patients?



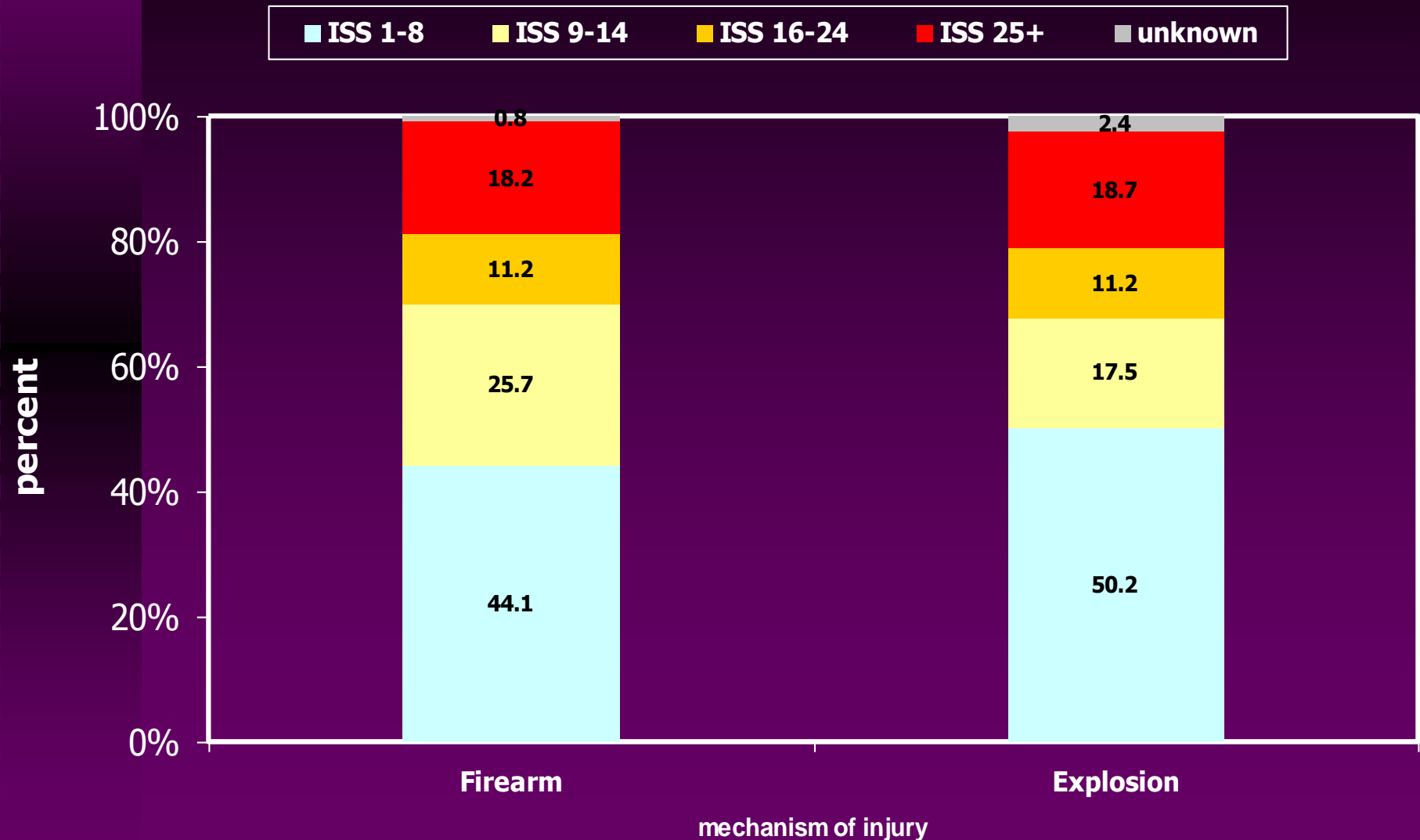
Thanks for your attention



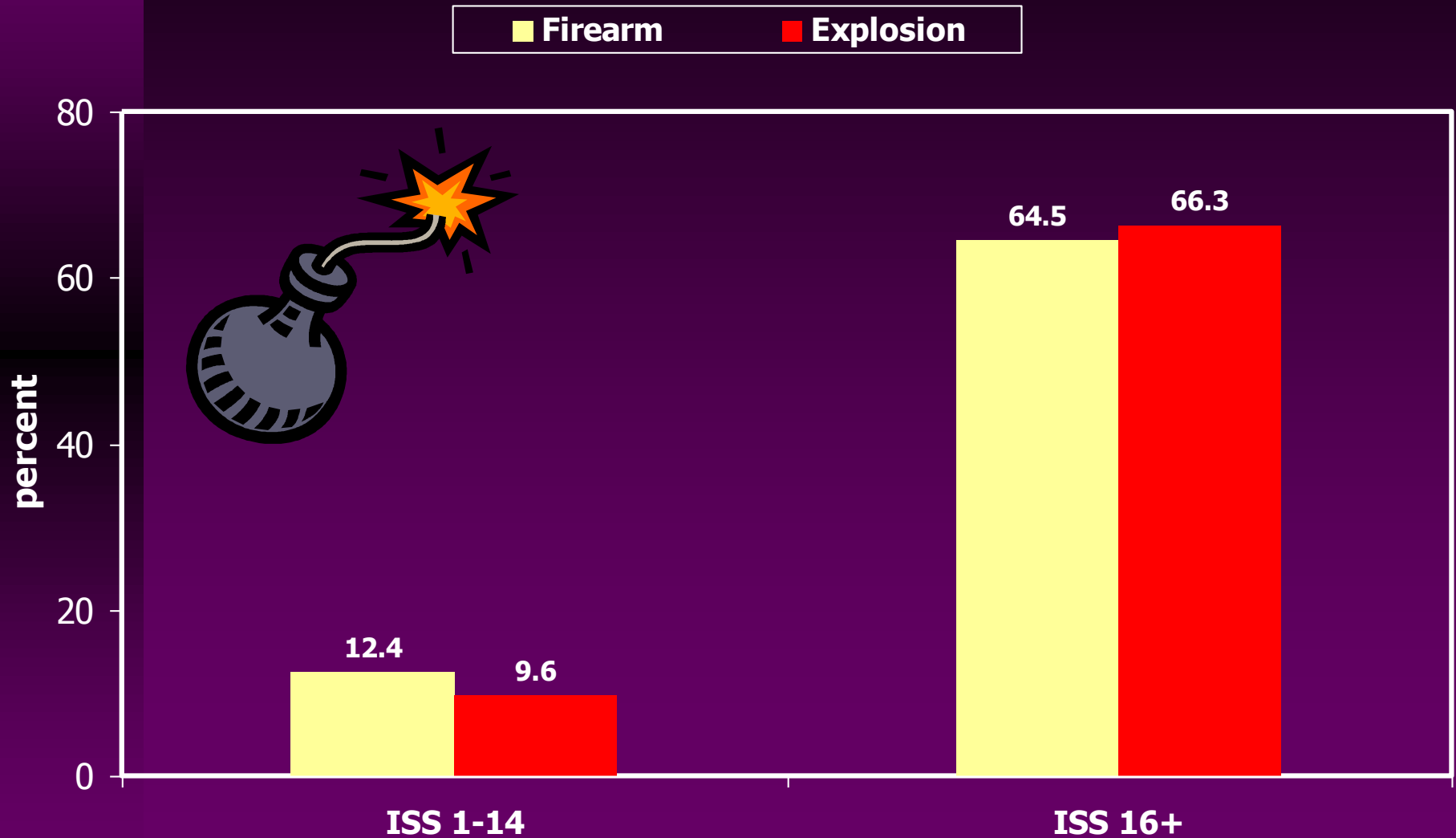
Mechanism of injury among Terror casualties by Age



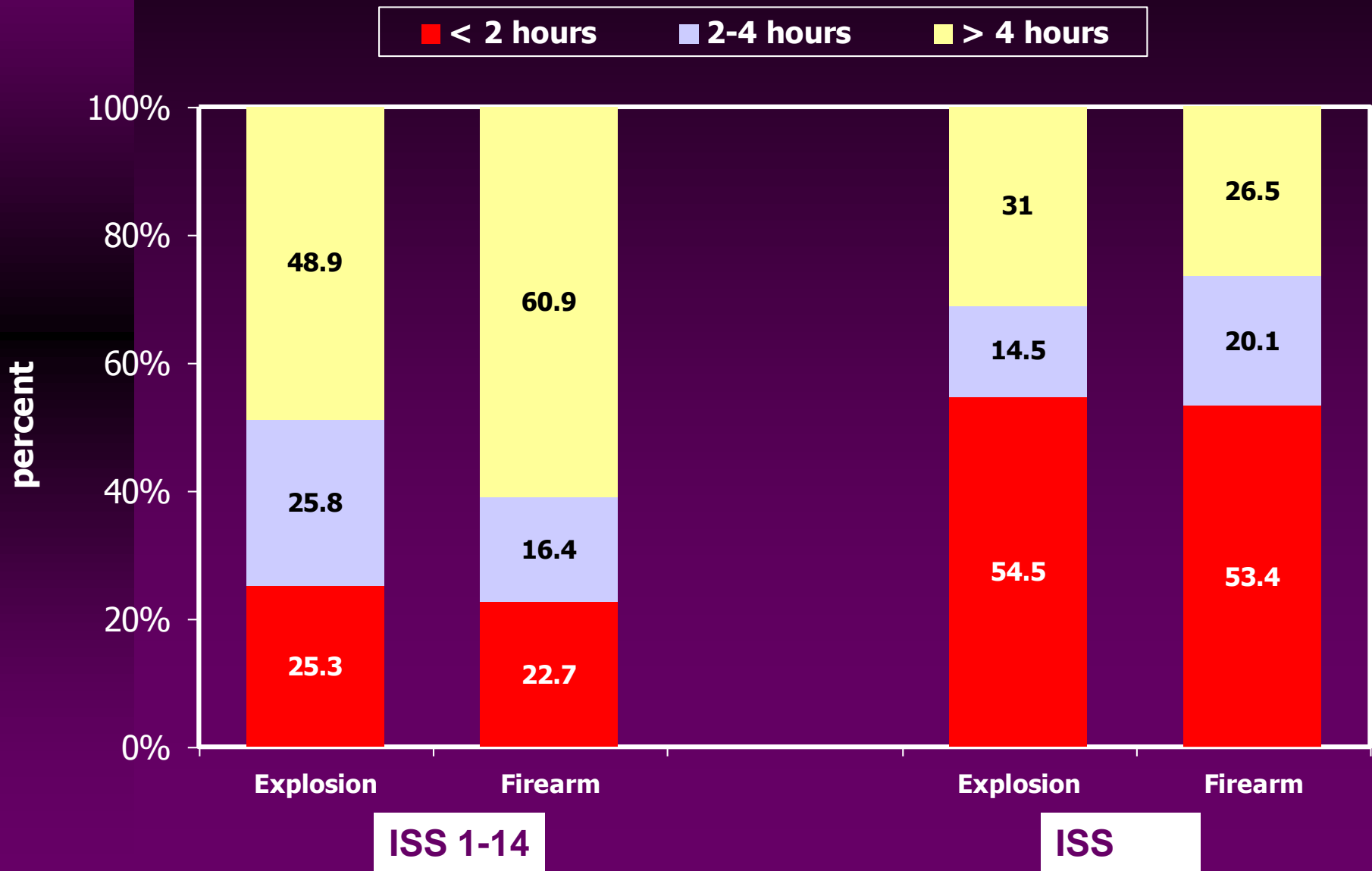
Injury severity of Terror casualties by Mechanism of injury and Injury severity



Percent of Terror casualties in ICU by Mechanism of injury and Injury severity



Time until Operation of Terror casualties by Mechanism of injury and Injury severity





A special thanks to Adi Givon and Jenny Moskovitz and to the trauma teams at the medical centers:

- Hillel-Yaffe
- Assaf-Harofe
- Kaplan
- Naharia
- Rambam
- Hadassah Ein-Karem
- Soroka
- Sheba
- Rabin
- Ichilov