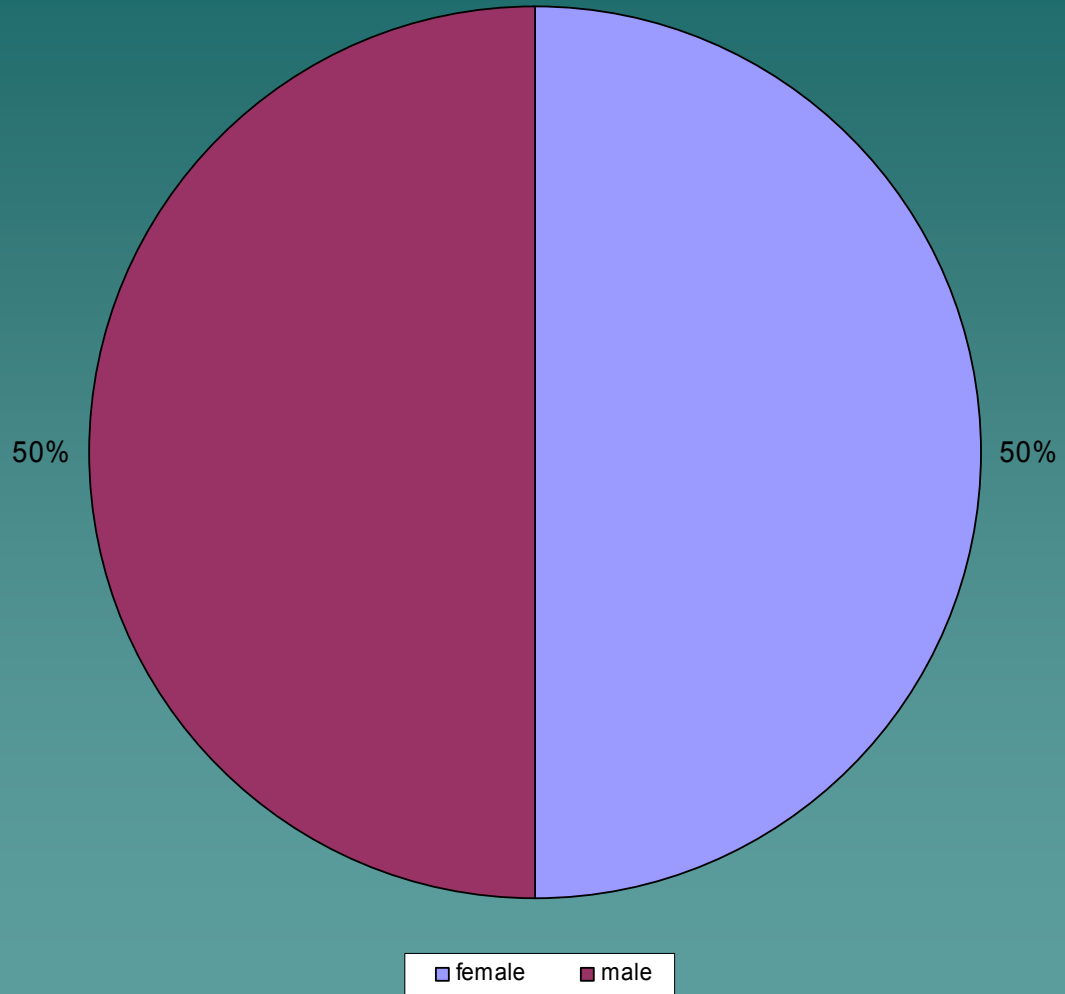


# **Etomidate Usage**

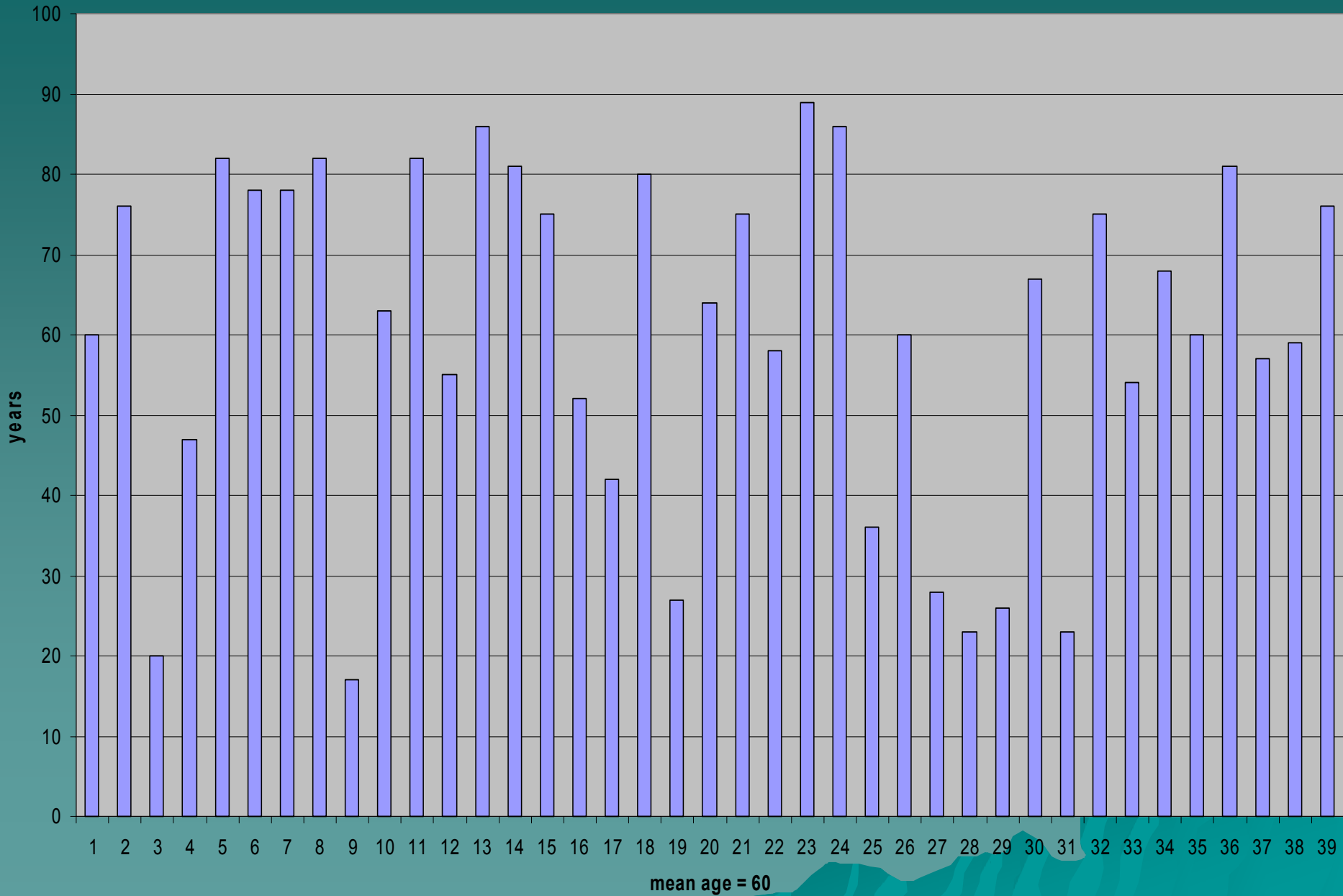
**Frank Ciallelo , Director , SREMS  
Program Agency**

**E . James Radin , MD , SREMS CQI  
Coordinator**

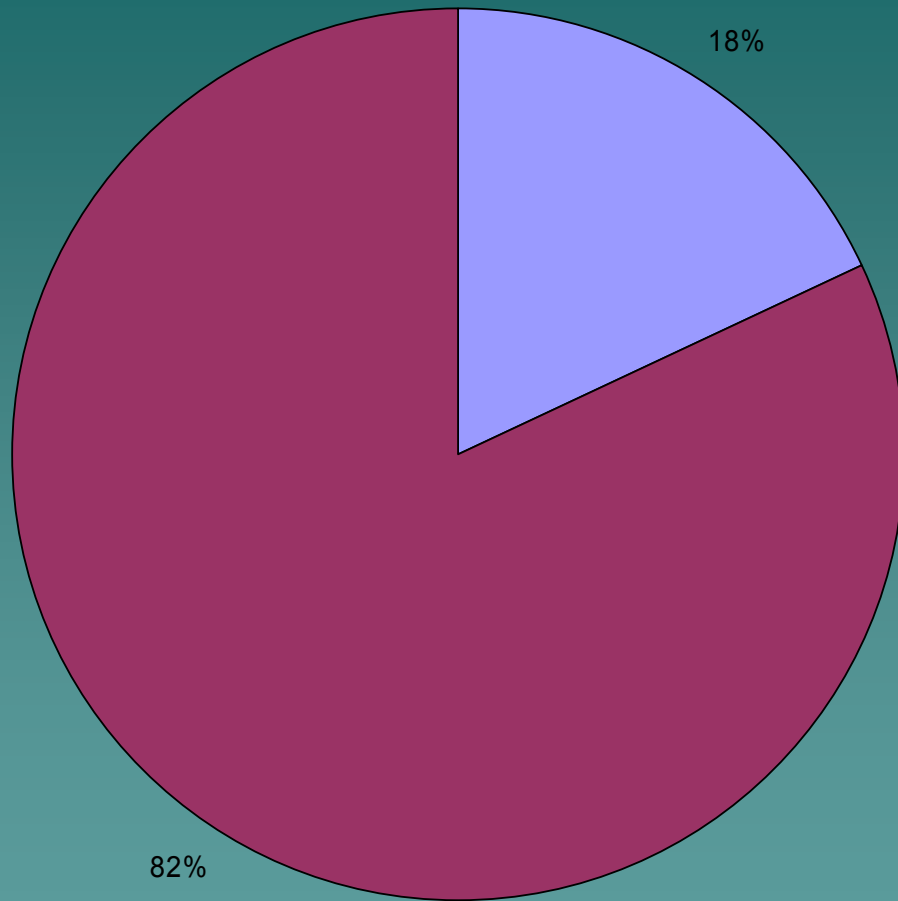
**Etomidate Use , SREMS 2003 , n = 44**



# Etomidate Use , Age , SREMS 2003 , N = 39

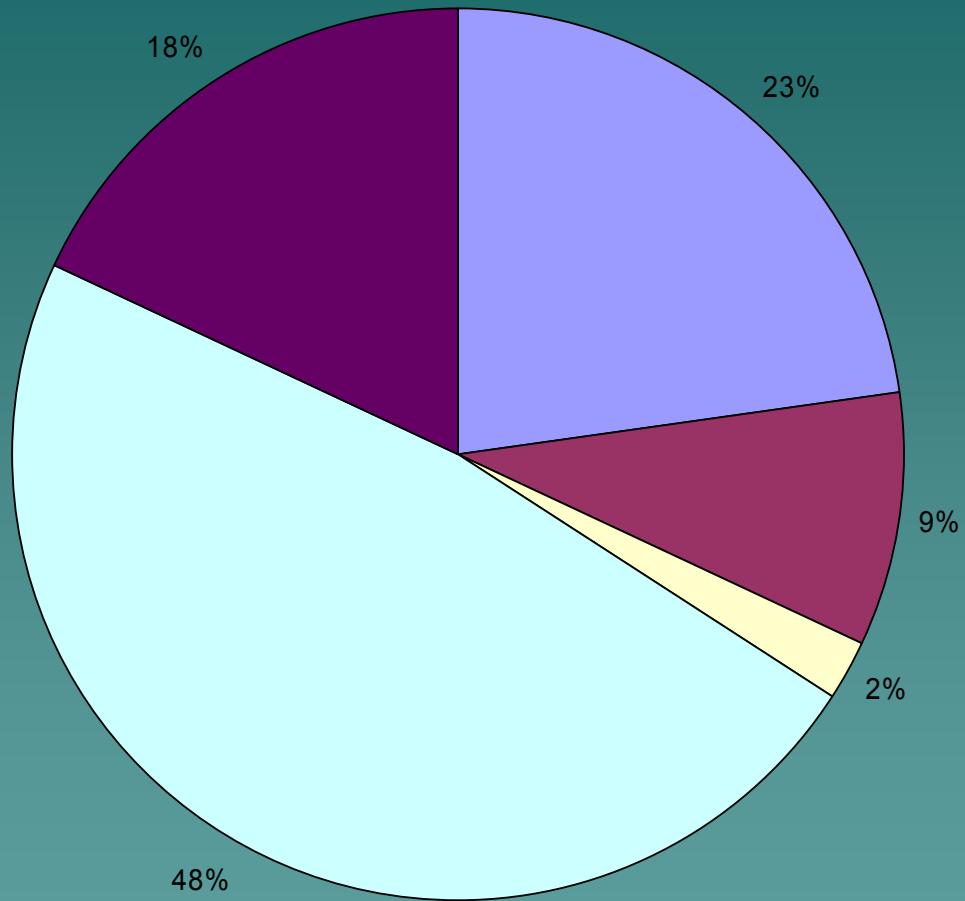


**Etomidate Use , Success Rate , SREMS 2003 , n = 44**



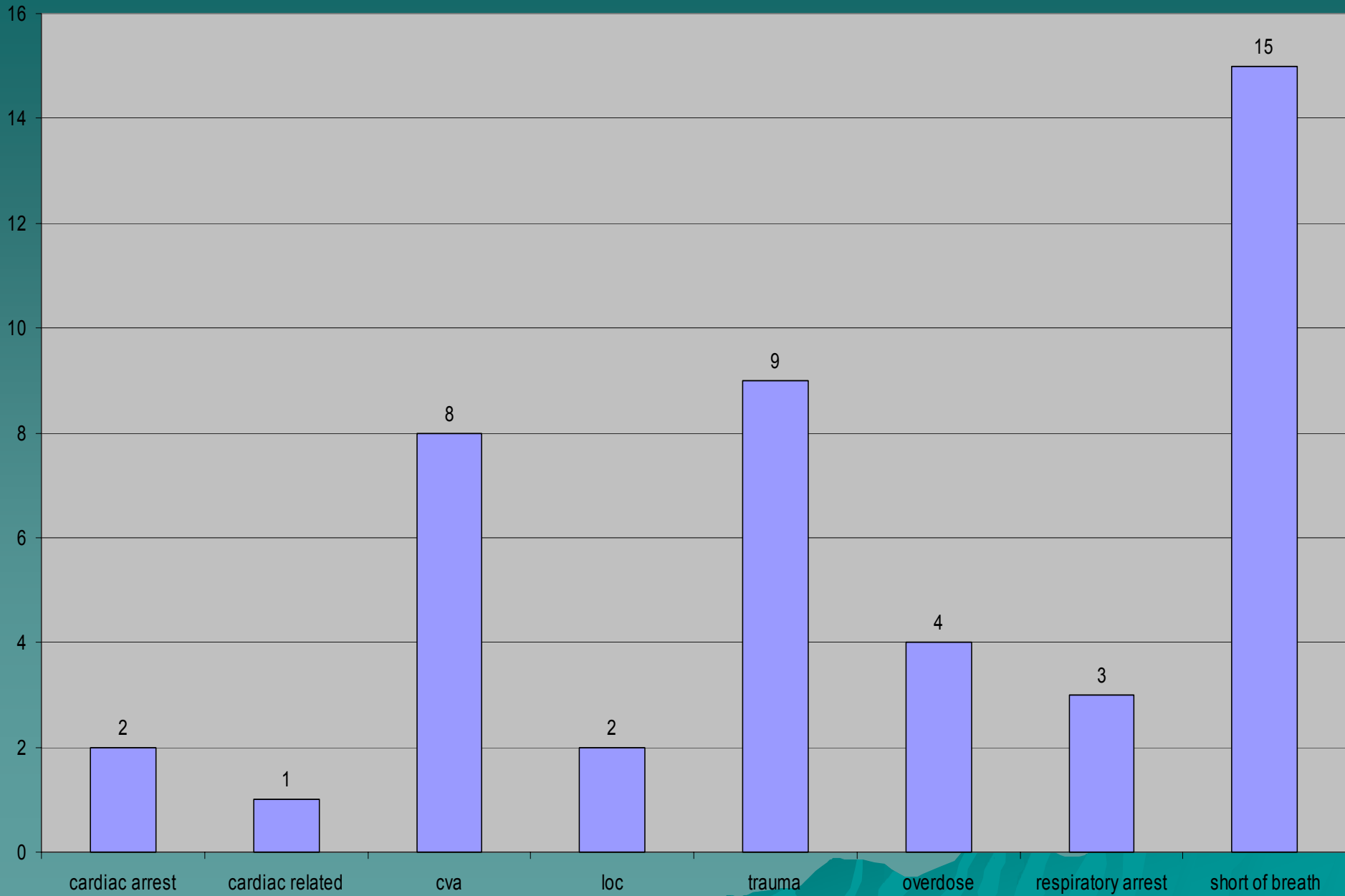
■ Unsuccessful    ■ Successful

### Etomidate Use by Agency , SREMS 2003 , n = 44

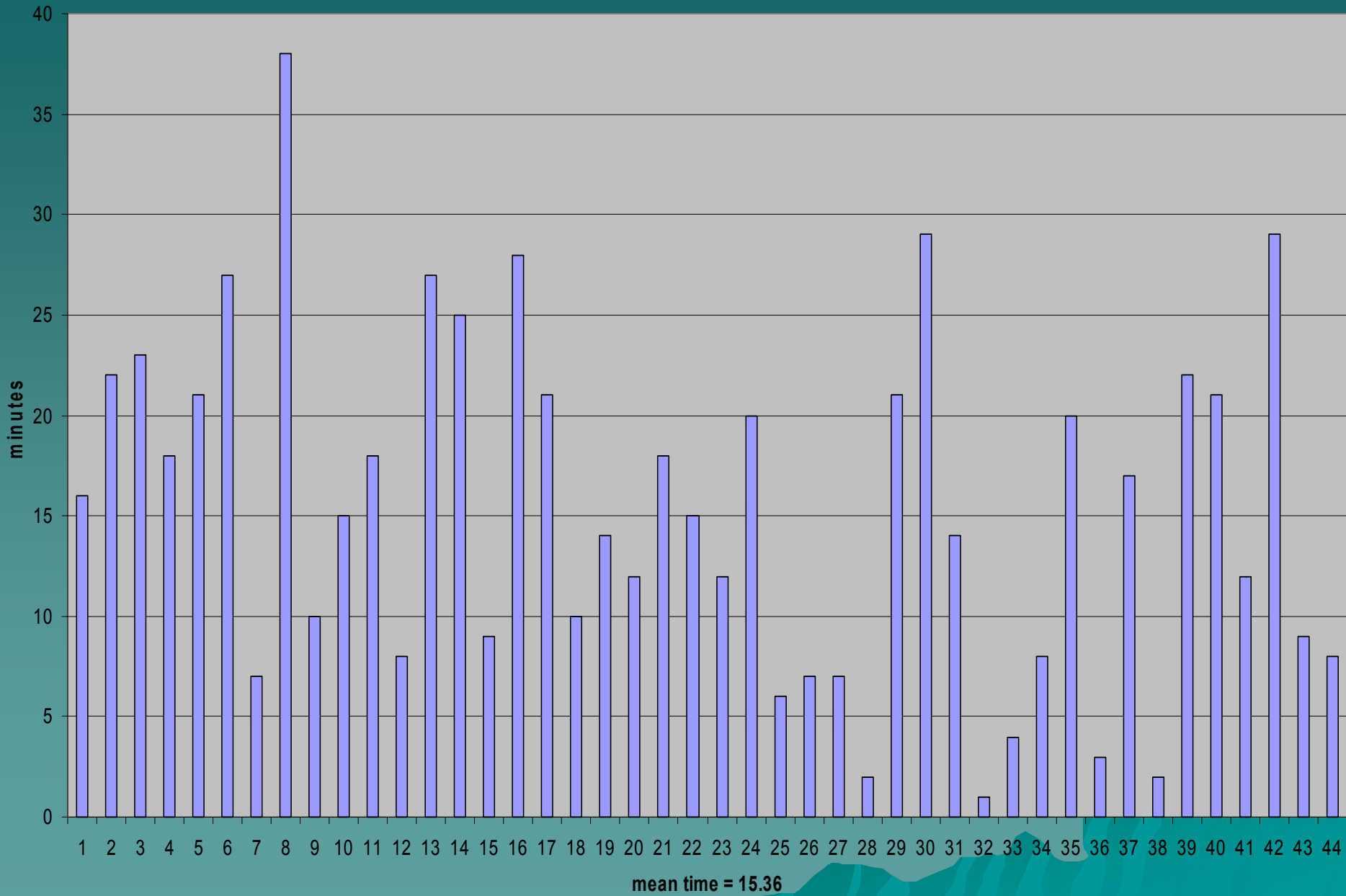


■ BVES   ■ SAS B   ■ SAS C   ■ UVES   ■ VVES

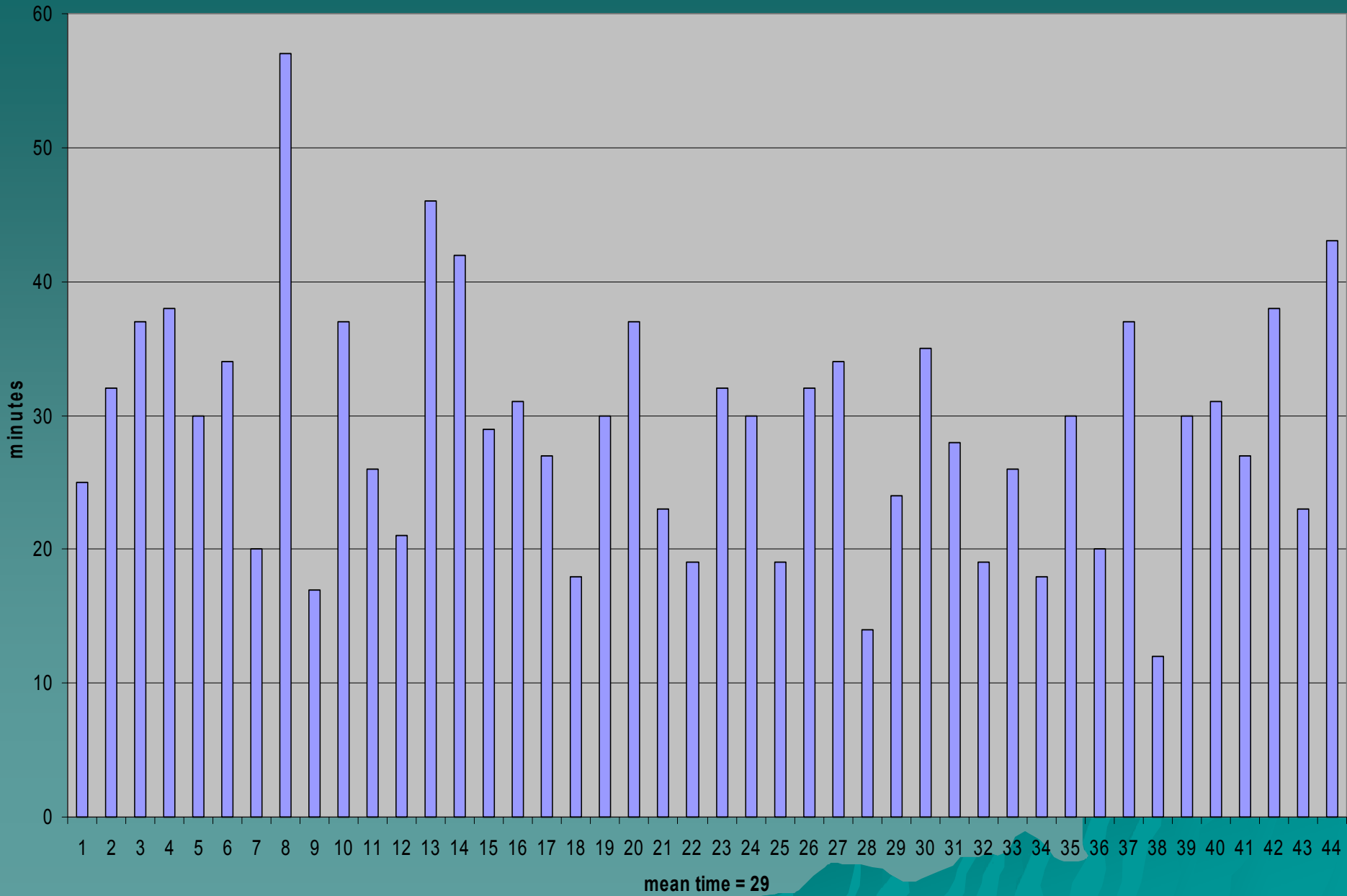
# Etomidate Use , Call Type , SREMS 2003 , n = 44



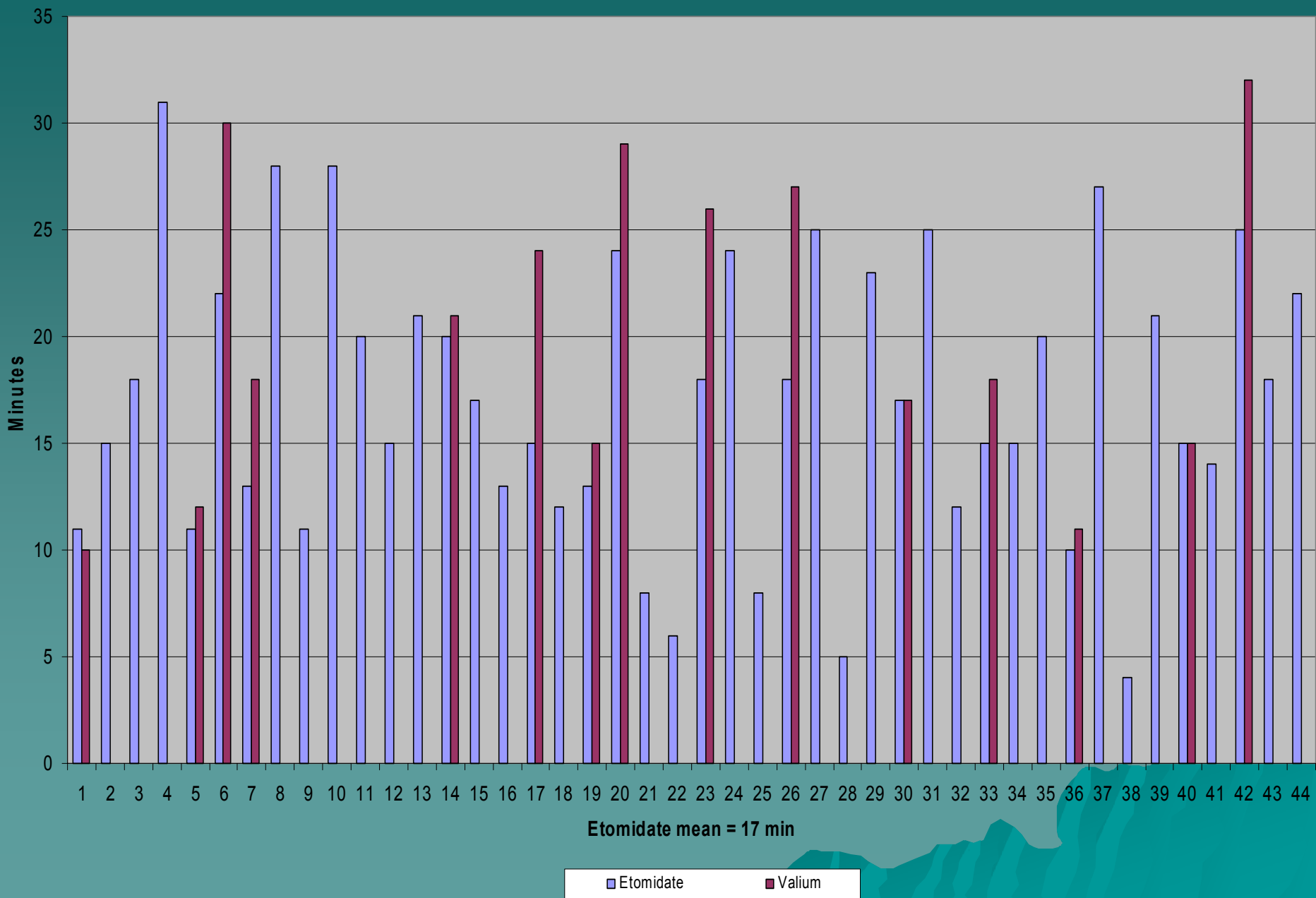
# Etomidate Use , Scene Times , SREMS 2003 , n = 44



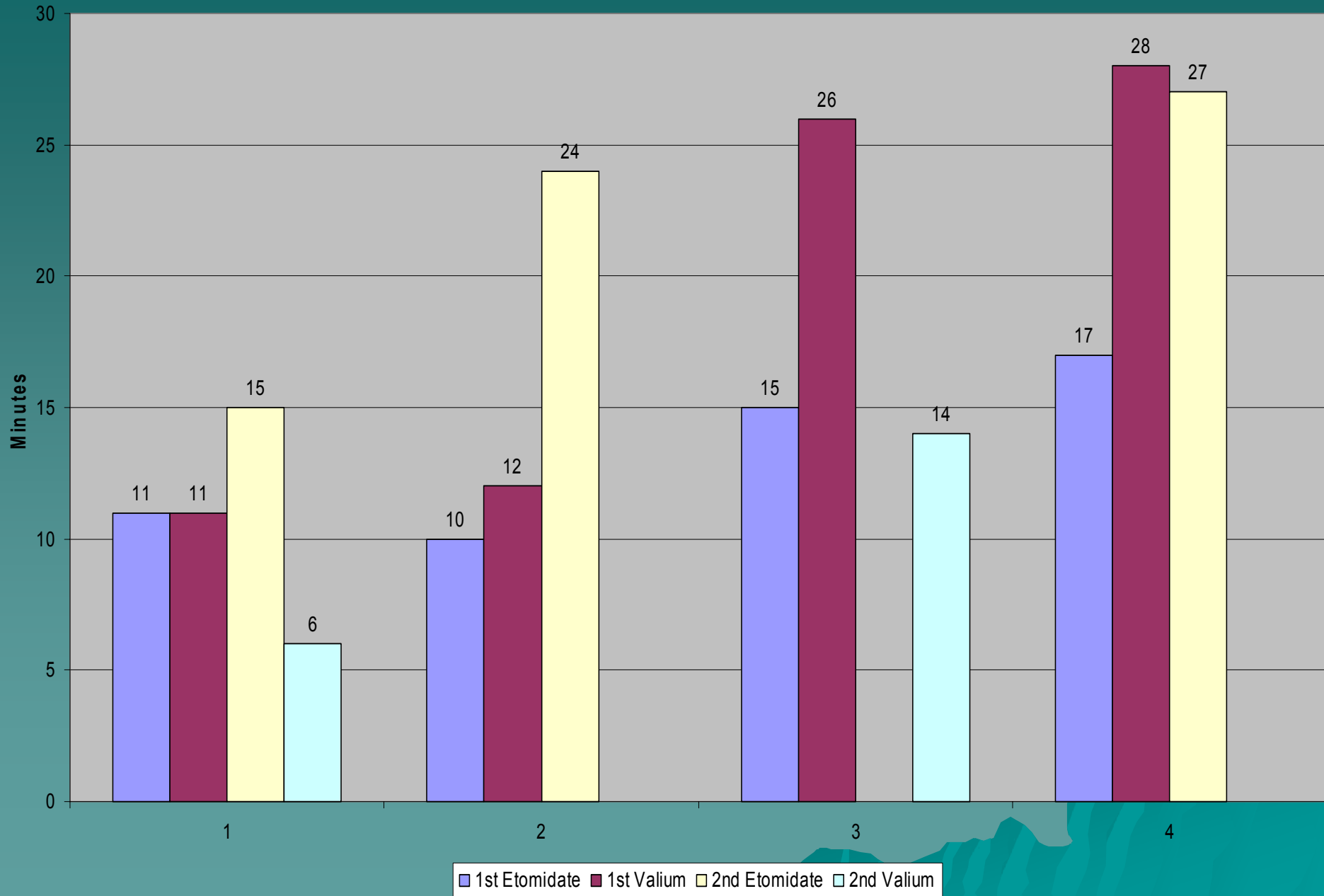
# Etomidate Use , TPCT , SREMS 2003 , n = 44



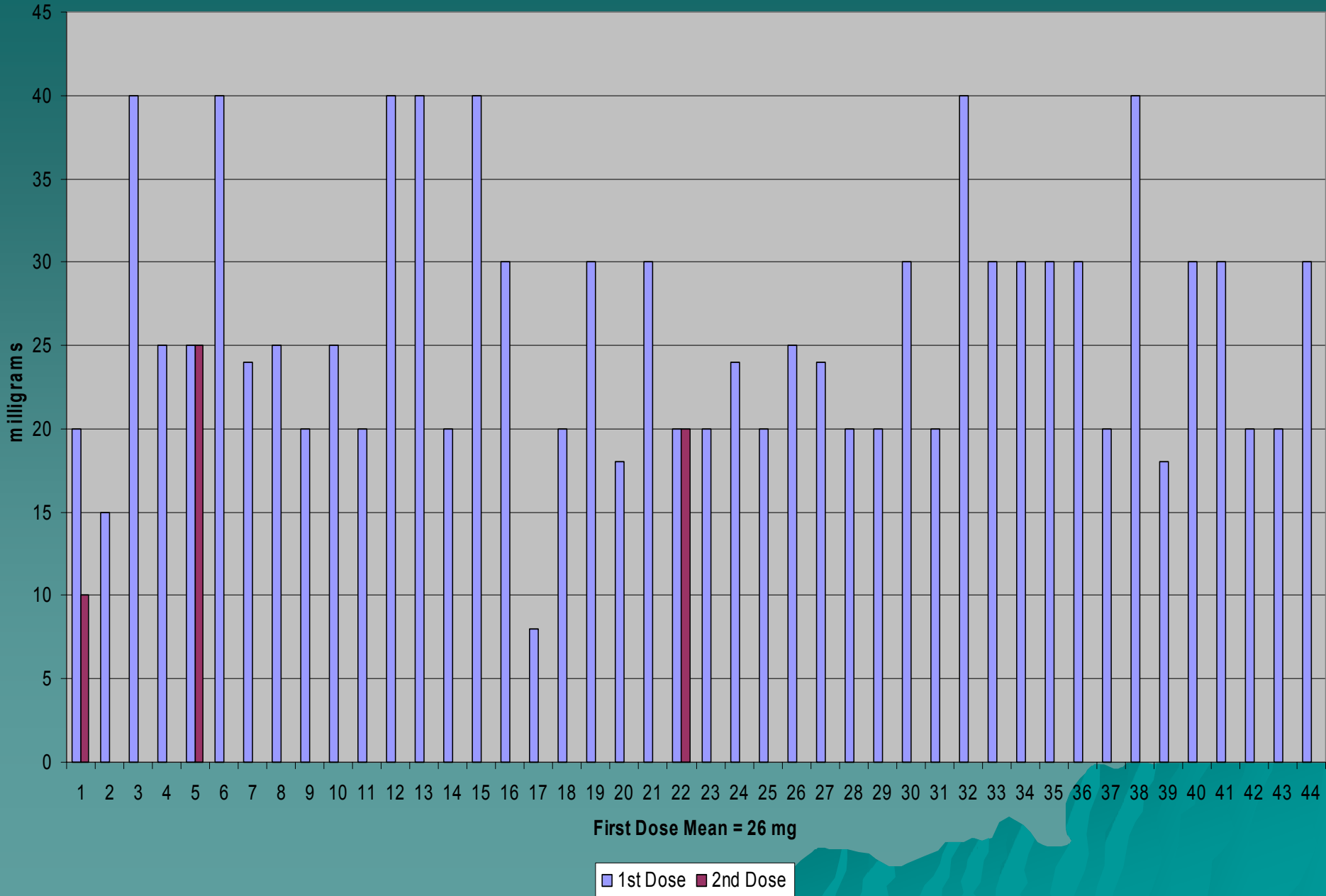
# Etomidate Use , Time to Initial Dose , SREMS 2003 , n = 44



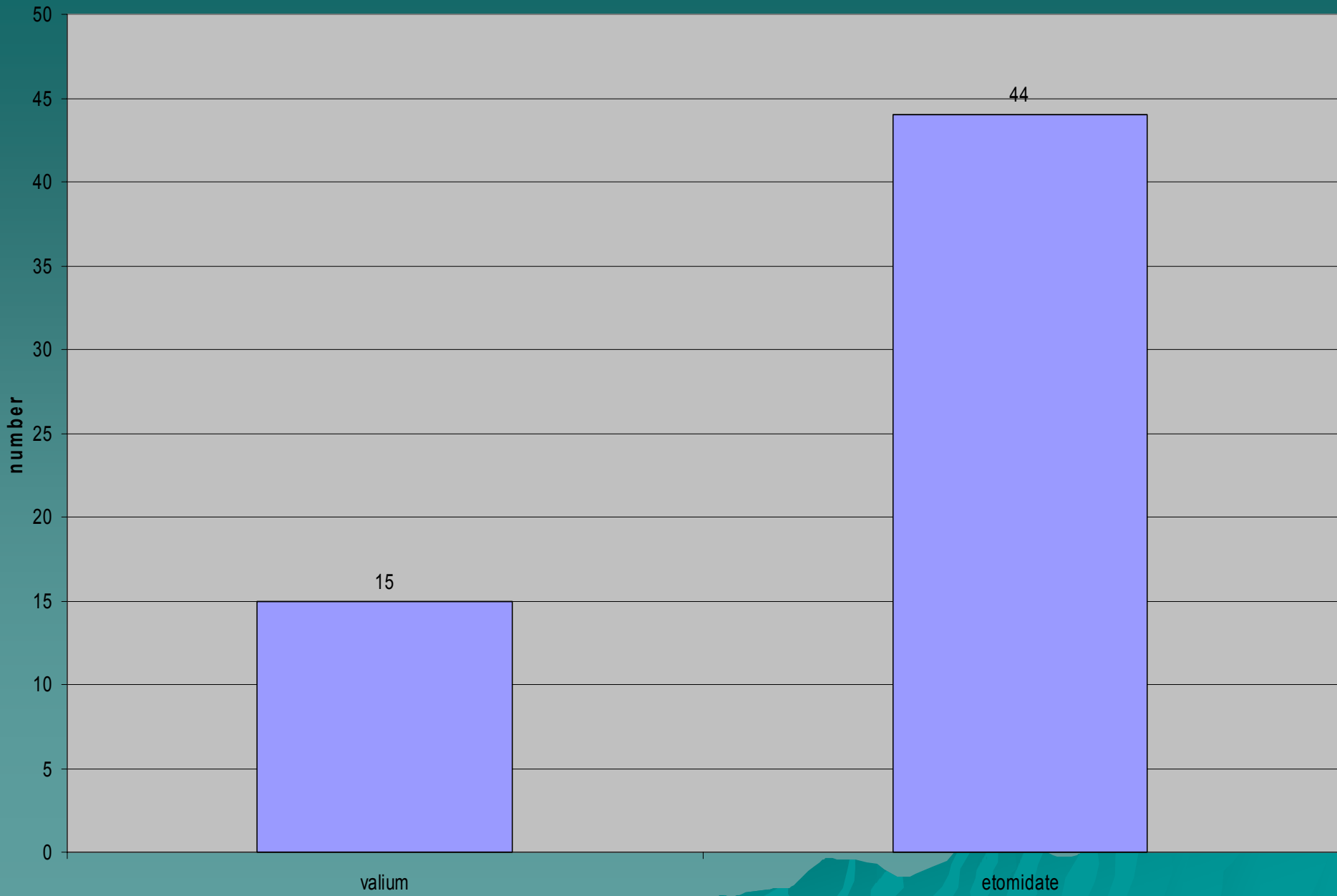
# Etomidate Use , Second Dose Data , SREMS 2003 , n = 4 / 44



# Etomidate Use , Milligrams Given , SREMS 2003 , n = 44



# Etomidate Use , First dose use of Valium , SREMS 2003



# Summary

- ◆ **44 Pre-hospital Uses of Etomidate to date in SREMS**
- ◆ **4 of 44 received a second dose**
- ◆ **Etomidate was effective in 82 % of calls where used**
- ◆ **Success rate seems related to the frequency of use by any given agency**
- ◆ **There were 3 uses during interfacility transfers not reported here**
- ◆ **Valium was given 15 times after the first dose of Etomidate**
- ◆ **It took an average of 17 minutes to give Etomidate ( 4 minutes to 32 minutes )**
- ◆ **Documentation was very good , but there were a few charts without EKG strips and 1 without vital signs**

# Summary

- ◆ **There were a few charts of non-narcotic agencies that listed Etomidate as given as well as the Narcotic assist agency , This use was reported only once**
- ◆ **Patient age went from 17 years to 89 years with an average of 60 years**
- ◆ **Dosage of Etomidate ranged from 8 mg to 40 mg with an average of 26 mg . The dose did not correlate with success or failure of the drug in this data review**