

# Incidence of DIC in the ICU



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**OBJECTIVE:** To identify incidence of DIC in intensive care unit and to assess more frequent etiologic agents. Contents forecast correlation between CID and Apache II score.

**DESIGN:** A retrospective, descriptive, observational study.

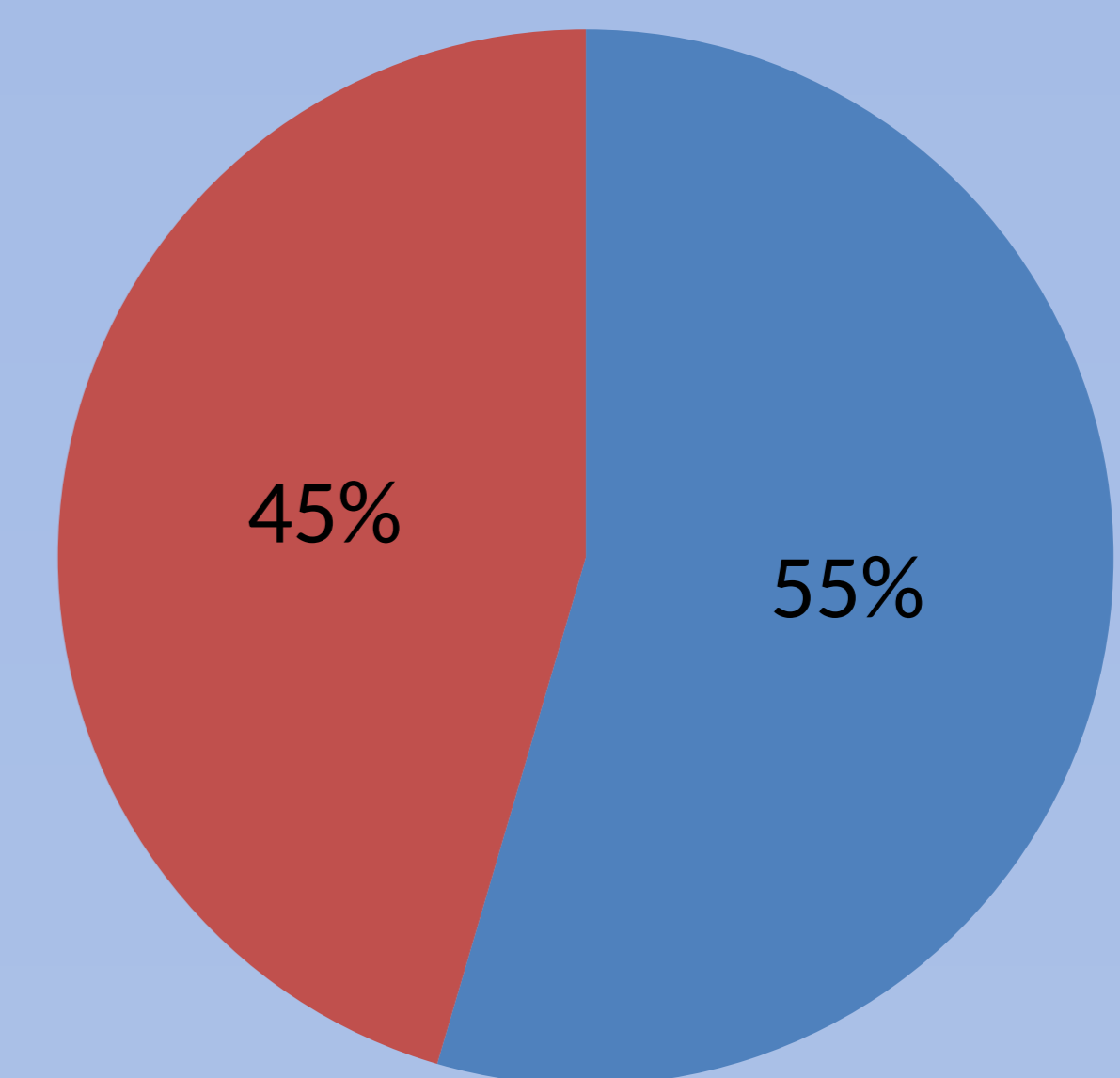
**METHOD:** casuistry of the intensive care unit were analyzed during the period 1 January 2013 to 30 May 2014 , cases meeting diagnostic criteria for DIC, CID score is calculated (according to the International Society of Thrombosis and Haemostasis) , APACHE II score was also calculated for prognostic correlation.

**RESULTS :** 153 patients were admitted to ICU, wich 11 (7.18%) had diagnosis of DIC

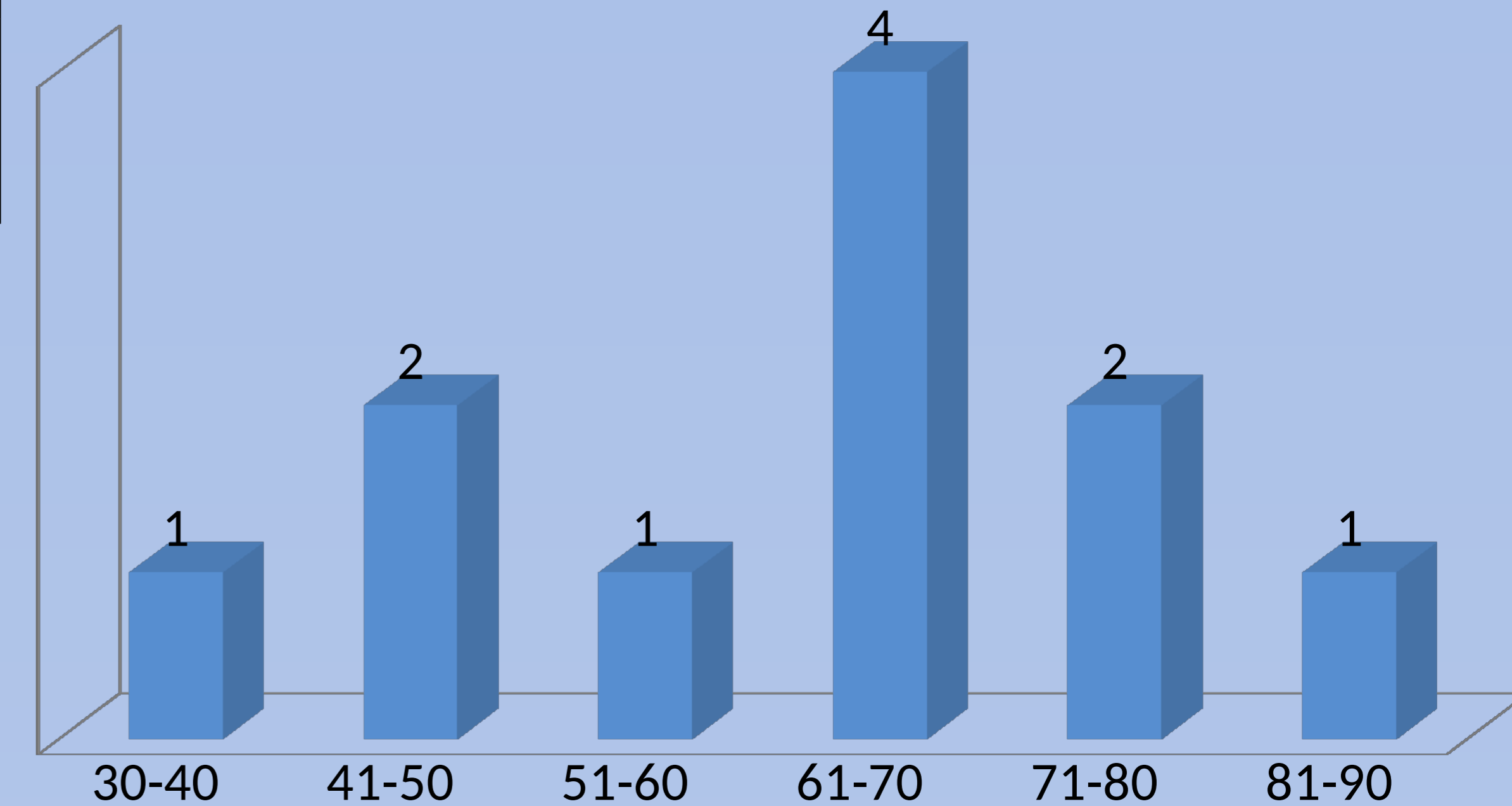
| Cases                       | Etiology                         | DIC score | Apache II | Prognosis |
|-----------------------------|----------------------------------|-----------|-----------|-----------|
| 1 Female - 71 <sup>a</sup>  | Biliary Pancreatitis             | 5         | 24 puntos | Bad       |
| 2 Male - 77 <sup>a</sup>    | Sepsis. Pneumonia                | 5         | 39 puntos | Bad       |
| 3 Male - 69 <sup>a</sup>    | Ischemic heart disease           | 5         | 17 puntos | Bad       |
| 4 Female - 32 <sup>a</sup>  | Uterine atonia hypovolemic shock | 5         | 8 puntos  | Good      |
| 5 Male - 60 <sup>a</sup>    | Severe asthma                    | 6         | 31 puntos | Bad       |
| 6 Female - 49 <sup>a</sup>  | Polytrauma Severe head trauma    | 6         | 25 puntos | Bad       |
| 7 Male - 60 <sup>a</sup>    | Sepsis, atípical pneumonia       | 5         | 46 puntos | Bad       |
| 8 Female - 90 <sup>a</sup>  | Sepsis, pneumonía                | 5         | 30 puntos | Bad       |
| 9 Male - 40 <sup>a</sup>    | Polytrauma                       | 5         | 8 puntos  | Good      |
| 10 Female - 61 <sup>a</sup> | Severe heart failiure            | 5         | 25 puntos | Good      |
| 11 Female - 55 <sup>a</sup> | Sepsis, severe gastroenteritis   | 6         | 11 puntos | Good      |

Gender

Female Male

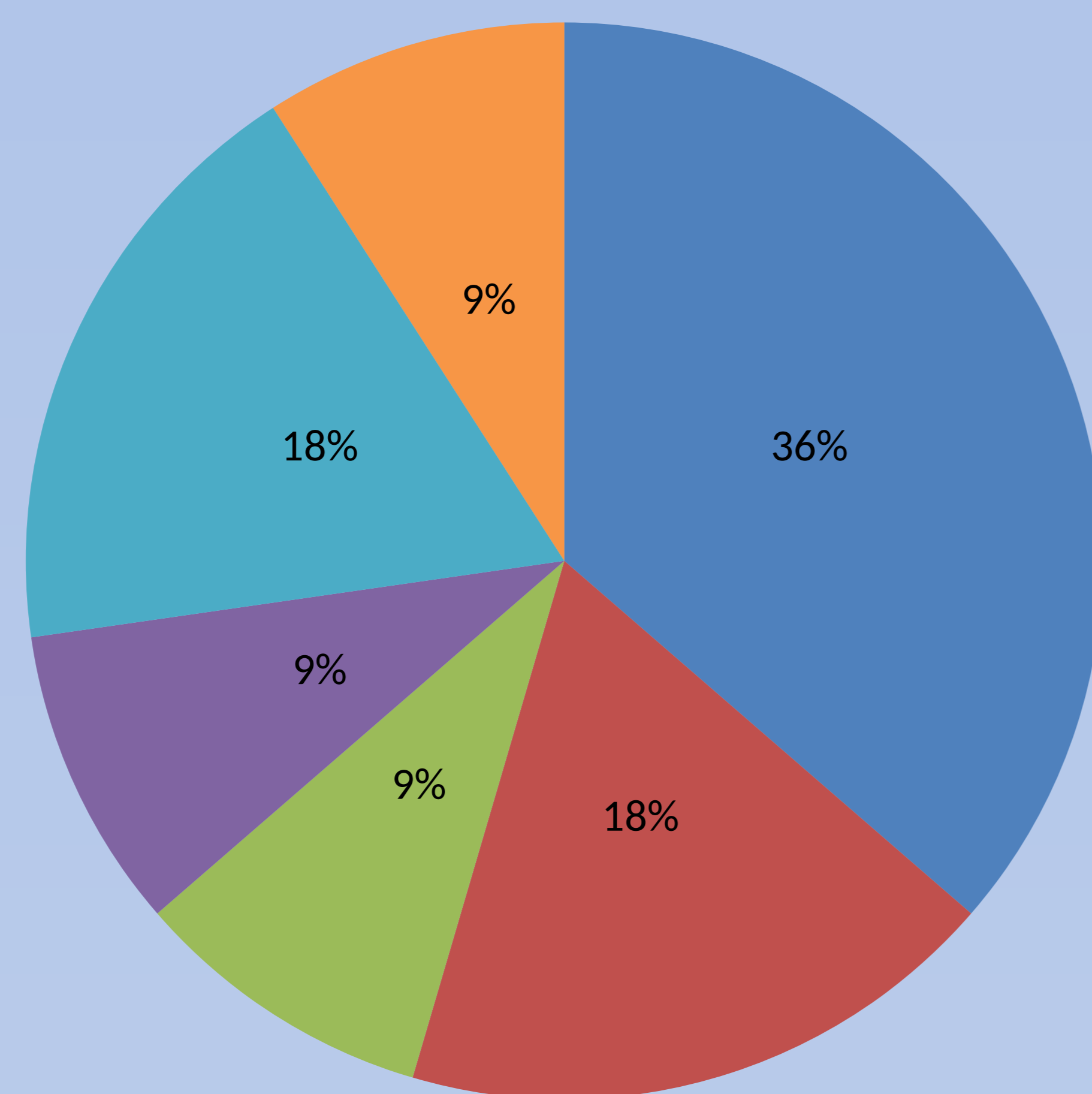


Age group



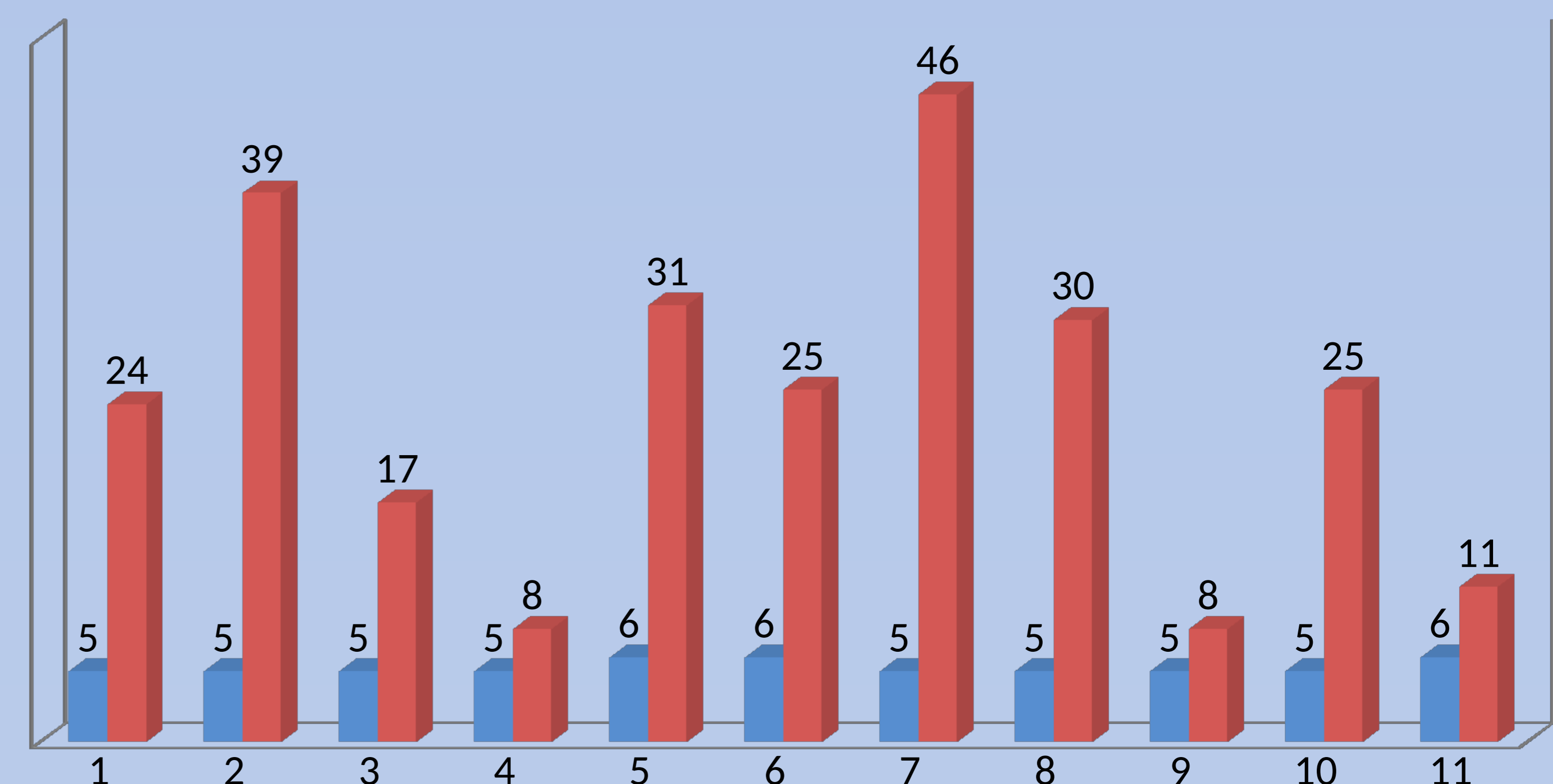
Etiology

Sepsis Cardiovascular Respiratory Obstetrical Polytrauma GI-Pancreatitis



Score DIC - Apache II

DIC Apache II



**CONCLUSION :** The combination DIC score and Apache II serves to predicting the outcome of patients with severe organ injuries. Taking better prognosis those with APACHE II low, regardless of the score DIC

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