

30<sup>th</sup> World Congress on

# ADVANCED NURSING PRACTICE

September 04-06, 2017 | Edinburgh, Scotland

## Time between the arrivals in the emergency department to the hospitalization in the intensive care unit of patients with acute coronary syndrome

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Most of the deaths by Acute Myocardial Infarction (AMI) occurs few hours after the first symptoms. About 80% of the deaths occurs in the first day, mostly out of the Hospital, without a proper medical treatment. The treatment must be done soon as possible to decrease the mortality and to increase the life quality of the patient in this critical health condition, once the prognosis depends, fundamentally, on the agility to get a medical service to get coronary reperfusion. Objective: To identify the time past between the patient arrival in the Emergency Department (ED) to the hospitalization in the Intensive Care Unit (ICU). Method: Transversal study, realized in a ICU of a public hospital in the state of Santa Catarina, Brazil. The sample was all of the Acute Coronary Syndrome (ACS) medical records of a year. Results: 86 patients took part of the study, mostly male and between 41 and 50 years old. The time between the arrival in the ED to the hospitalization in the ICU was up to 2 hours for 22,2% of the patients, between 2 and 7 hours for 51,9%, and more than 7 hours for the others 25,9% of the patients. Conclusion: The study revealed fragilities in the respective health system, evidenced by the time between the arrival in the ED to the hospitalization in the ICU. This way could be noticed the necessity to make changes in this scenario. Was noticed the lack of trained health teams and of number of employees to attend the demand of cardiologic emergencies. So, it is concluded that the continuing education has fundamental role in the care offered to the patient.

### Biography

PhD in nursing by the University of São Paulo, teacher of the Nursing Department of the Federal University of Santa Catarina. Teacher of the Postgraduate Nursing Program PEN/UFSC. Coordinator of the Multidisciplinary Professional Master's degree in nursing at UFSC/HU. Tutor of the Multidisciplinary Residence in Health of the Urgency and Emergency Area at UFSC/HU. Has 25 years of nursing experience, with emphasis in cardiologic nursing. Is researcher and vice president at the Research Laboratory of Caring of People in Critical Health Situation (GEASS/UFSC). Effective member of the NORTH AMERICAN NURSING ASSOCIATION INTERNATIONAL (NANDA-I), The Honor Society of Nursing, Sigma Theta Tau International and of the Rede de Enfermeria Emergenciais Y Desastres en Las Americas.

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