INTERNATIONAL CONGRESS ON:
BLOOD; DISEASES AND CLINICAL ADMINISTRATIONS

May 11-14, 2015 Yasuj-Iran

Abstract Proceeding

Highlights:
- Ethics, Law and Patient Rights in Blood and Stem Cell Applications
- Pharmacology and New Drug Discoveries
- Stem Cells and Transplantation
- Systemic Diseases and Blood
- Hemostasis and Coagulation
- Leukemias and Lymphomas
- Paraclinical and Diagnosis
- Core and quality of life
- Transfusion Medicine
- Anemias
Blood ordering and utilization in hospitals of Bushehr province

F. Kooshesh*, Gh. Khamisipour, R. Tahmasebi

Bushehr University of Medical Sciences, Bushehr, Iran.

Abstract

Background: Cross over ordering of blood much in excess of actual or anticipated needs led to rising costs and transfusion associated morbidity. In order to reveal blood utilization, we evaluated blood ordering and transfusion practices in 437 cases in general surgery, obstetrics & gynecology, orthopedics, neurology and urology wards of different hospitals in Bushehr province using cross-match to transfusion ratio (C/T ratio) and transfusion index (TI). The maximum (8.9) and minimum (1.2) ratio for C/T index were in obstetrics and gynecology and orthopedics ward, respectively. The maximum (1.85) and minimum (0.70) TI index were in orthopedics and obstetrics & gynecology wards, respectively. TI indices for general surgery and urology wards were 0.59 and 0.70, respectively. Therefore, blood ordering and transfusion practices in some wards of Bushehr hospitals, especially obstetrics and gynecology ward, should be reevaluated.

Key words: Blood Banking, Hospital, Blood Transfusion, Surgery.

E-mail address: f.kooshesh@bpums.ac.ir