EIGHTH WORLD













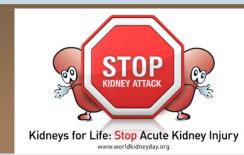






Our Scientific Activities

Ufuk University Conference Hall. 14th March, 2013



Crush syndrome and acute renal failure. M. Yavuz, Uludag University Journal of the Turkish Nephrology Association, 1999;4:163-166: 665 patients were transfered to Uludag University Medical School Hospital, especially first two days hectic in Marmara Earthquake (17th August 1999). 60 people who were hospitalized were treated with dialysis (20%), CSHDF and HD were performed in 12 of them, CSHDF was performed in 2 of them, HD was performed in the others. 21 cases who underwent dialysis (35%) died. Dialysis was performed in the other cases (65%) and in 2 or 48 hours and their renal function returned to normal levels.

✓ Turkey's Crush Syndrome Data in Van Earthquake. Y. Soyoral, the lecture on 6th April 2012: A 7.2 magnitude earthkuake, whose epicenter was Erciş occured at 01.41 p.m. on 23th October 2011. A 5.6 magnitude earthkuake, whiose epicenter was Edremit (10 kilometers) occured at 09.23 p.m. on 9th November 2011 (Second earthquake). According to the official source; 604 people died on 23th October 2011in Erciş Earthquake. 222 citizens were rescued from the rubble alive. 40 people died on 9th November 2011 in Edremit Earthquake, 30 citizens rescued from the ruble alive. 7 hospitals became unusable in the first earthquake in Van so all the patients were treated in Regional Training and Research Hospital which was established three months before. This hospital was damaged too in the second

earthquake so health care professionals served in tents. Patients who came out from the rubble were referred directly. Totally, 118 patients were followed-up by a team of Nephrology (89 patients in Van, 29 patients in Erzurum).. 26 of them were referred. According to these criteria, there were 53 (44.9%) patients with renal problems.

Causes of Death in Patients with renal Problem: Hemopneum othorax, retroperitoneal bleeding: 2, Hyperkalemia: 2, intracranial hemorrhage: 1, Shock due to intraperitoneal bleeding, pneumothorax: 1

Hemorrhage, sepsis: 3, Sepsis: 1, Total: 10 (18.8%).

Acute Renal Failure in

Emergency Unit

Assoc. Prof. Başol Canbakan, MD

Internal Diseases Clinic

Importance

•Regardless of the underlying reasons, minor

inicators of significant deterioration in renal

function and the accompanying bad results.

•Even minimal elevations in serum creatinine levels

should be considered to have negative effects.

Patients at risk should be determined as soon as

be initiated, patients should be monitored closer.

•There is no curative treatment of AKI. Effective

Secondary protection is essential for the

discontinuation of nephrotoxic drugs.

treatment of the underlying disease accelerates the

•Fluid and hemodynamic resuscitation should promptly

acute changes in serum creatinine are the

nkara Numune Training and Research

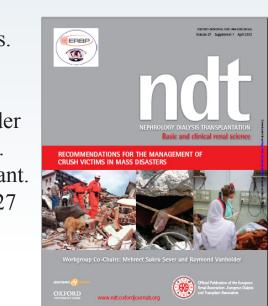
Patients who were under the rubble for a long time: 13 year old, male, was removed from debris after 108 hours and 19 year old, male,

was removed from debris after 107 hours. Result: 118 patients were followed-up. There were nephrological problems in 53 patients. 18 patients were in need of HD (34%). 10 of them died (18.8%). 4 of 10 patients died in need of HD and all of them were male. Longest residence time under rubble was 108 hours. The sistolic and diostolic tension being low, the existence of abdominal travma and the level of CK are determined to be related factors of death. No patients developed KBY. We sadly lost people of Van, our teachers, journalists and our Japan friend.





disasters. Sever M.S., Vanholder R., Dial. Transplant (2012) 27

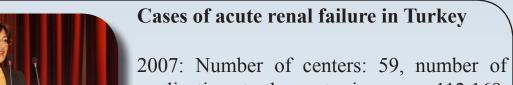


Conclusion

We should record Acute Kidney Disease in someway.

A software should be created in order to record data as soon as dialysis cases occur. The importance of Acute Kidney Disease is that it is a reversible event. A life can be saved.

So we say: "Stop Acute Kidney Disease".



applications to the center in a year: 112.169, the number of patients with a diagnosis of acute renal failure: 5498, male: 54%, female: 46 %, age: 57.2. The age distribution of patients with acute

renal failure in 2007: 0-15: 0.3% 16-19: 2.9% Assoc. Prof. Beril Akman,

64: 36.5%, 65-74: 28.5%, 75 +: 14.6% Etiology: Hypovolemia: Ankara Güven Hospital cardiovascular failure: 16.1%, urinary tract obstruction: .8.9%, sepsis 10.6%, 10.1%

acute tubular necrosis-postischemic, acute tubular necrosis-nephrotoxic: 9.9%, unknown origin: 11%, other: 15.8%.

Nephrology Unit

Causes of acute renal failure in reported studies in Turkey: Rhabdomyolysis: an earthquake-CRUSH syndrome, Antilipid therapy (statin and fenofibrate), Sepsis: Leptospira, parvovirus B19, prostatitis, Cardiovascular Events and Transactions: Contrast-induced nephropathy, postoperative acute renal failure, CHF / AMI, intoxication: vancomycin. aminoglycosides, rifampin, Other: Favism, HELLP syndrome, hemodialysis due to HUS / TTP/CHD, PNH, hypercalcemia, snake bites, retroperitoneal fibrosis, cosmetic surgery procedures, malignancies (GIS, AC), tumorlysis syndrome and other obstetric reasons etc.

CONTRAST - INDUCED

DESCRIPTION

radiocontrast agent in the absence of other causes that can

In many studies it is accepted as a 25% increase in serum

creatinine (SCr) from baseline or 0.5 mg/dL increase in absolute value, after 2-5 days of intravenous contrast

Acute kidney injury after administration of intravenous

lead to kidney failure.

ASSOC. PROF. TAYFUN EYİLETEN, MD

NEPHROLOGY SECTION, ANKARA

GULHANE MILITARY MEDICAL ACADEMY

NEPHROPATHY

Approaches to Acute Kidney Injury

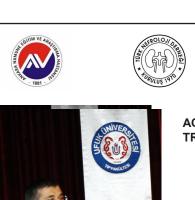


Round Table



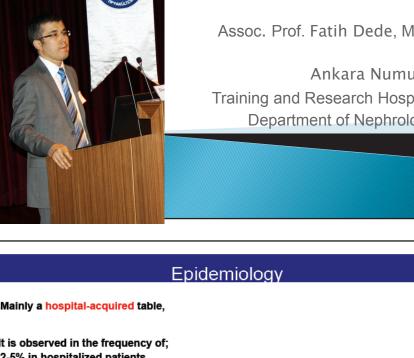


Approaches to Acute Kidney Injury



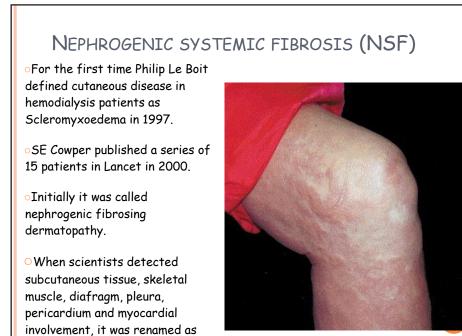
ACUTE KIDNEY INJURY AFTER SURGICAL TREATMENT

Assoc. Prof. Fatih Dede, M.D. Ankara Numune Fraining and Research Hospital





Doubtful benefit Mannitol Diuretics .Dopamine .Fenoldopam .Atrial natriuretic peptide Endothelin receptor antagonists



In Intensive Care Units Assoc. Prof. Yakup EKMEKÇİ, MD Private Güven Hospital Nephrology Section models, fluid therapy and information technology needs: the Quality Initiative (ADQI) Group Diürez<0.3 mL/kg/h veya SCr? 4 mg/dL anürix12h ≥0.5 mg/dL akut artış ersistan ABY=4 haftadan uzun tam böbrek 3 ay Son Dönem Böbrek Yetmezliğ Acute Kidney Injury Network: report of an initiative to imp outcomes in acute kidney injury Shah³, Bruce A Molitoris⁴, Claudio Ronco⁵ David G Warnock⁶, Adeera Levin⁷ and the Acute Kidney Injury Network Acute Kidney Injury Network (AKIN) Kriterleri Ya da ≥ 0.3 mg/dl Kreatinin artısı x2 IO < .3ml/kg/h**TREATMENT** To prevent the development of acute kidney injury. General Approach

Approach to Acute Kidney Injury

RESULT .Acute kidney injury is very effective in the survival of intensive care patients. .Acute kidney injury is often a part of a multi-organ failure in these patients. .The basic treatment is primarily the identification of the cause and elimination. .Instead of the classical criteria for initiating renal replacement therapy, a patient-based assessment is

equate and proper fluid therapy

asive monitoring

essential.

