

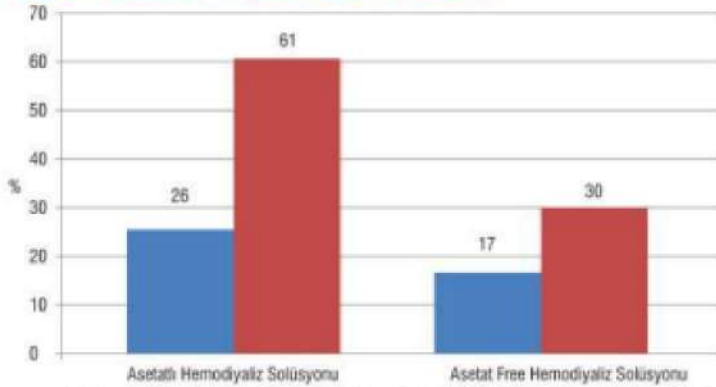
# Gülümseyin Gülümsetin



Bikardi Asetat Free

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# ASETAT FREE ON-LINE HDF, HİPERASETATEMİNİN GELİŞİMİ, PRE / POST DİYALİZ SEVİYELERİ

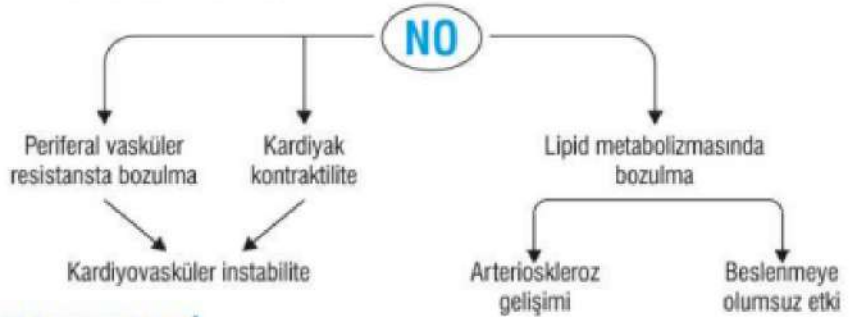


PHF on-line sin acetato: como mejorar la hiperacetatemia y la tolerancia hemodiamica Coli E et al, Nefrología, 2009, 29 (2), 156-162

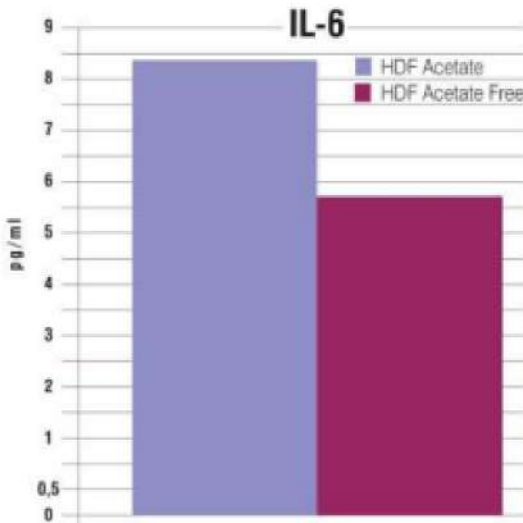
■ Pre - Diyaliz Değerleri  
■ Post - Diyaliz Değerleri

- ▶ Standart bikarbonatlı hemodiyaliz solüsyonları Asetat (2,0 mmol/L) içerirler. Bu nedenle diyaliz esnasında kan asetat seviyesi yükselir.
- ▶ Oysa asetat bir dizi reaksiyonu, özellikle Nitrik Oksit sentezini tetikleyerek diyaliz biokompatibilitesini olumsuz etkiler.

## NİTRİK OKSİT

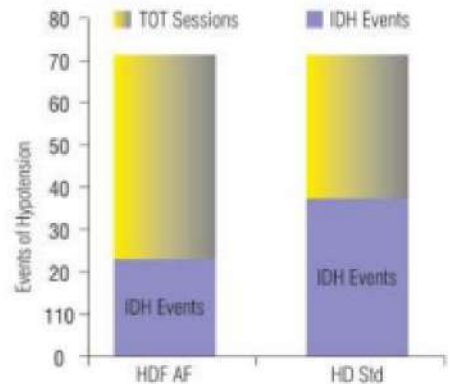


## İNFLAMASYON MARKERLERİ



Asetatlı solüsyonla tedaviye alınan hemodiyaliz hastalarına göre Asetat Free solüsyonla tedavi gören hastalarda inflamasyon markerleri olan kan C-Reaktif Protein (CRP) ve İnter Lukein -6 (IL-6) seviyeleri daha düşük bulunmuştur.

## İNTRA DİYALİTİK HİPOTANSİYON

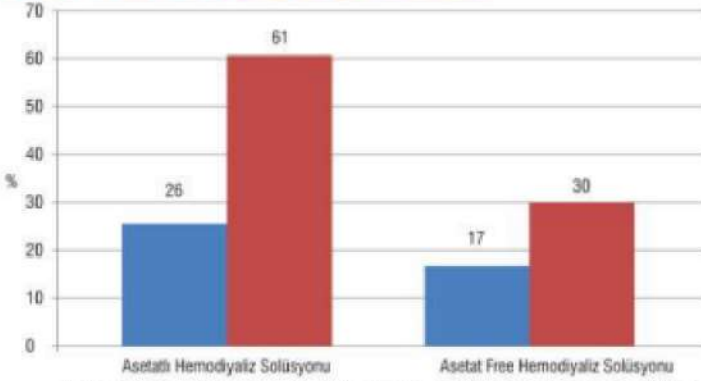


Effects of Acetate - Free Double - Chamber Hemodiafiltration and Standard Dialysis on Systemic Hemodynamics and Troponin T Levels

Effects of Acetate - Free Double - Chamber Hemodiafiltration and Standard Dialysis on Systemic Hemodynamics and Troponin T Levels

Nicholas, M Selby, Richard J. Fluck, Maarten W. Taal and Christopher W. McIntyre

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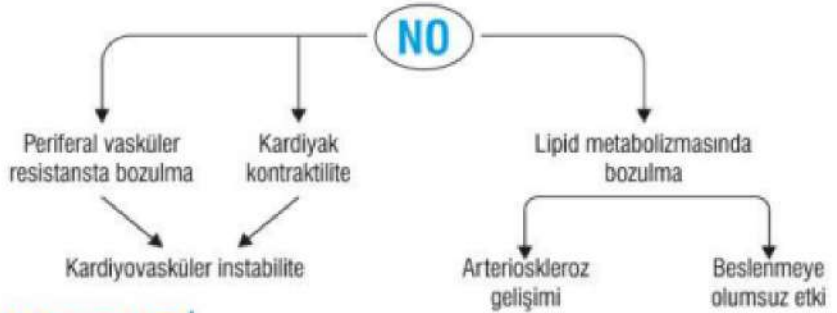


PHF on-line sin acetato: como mejoran la hiperacetatemia y la tolerancia hemodialitica Coll E et al, Nefrologia, 2009, 29 (2), 156-162

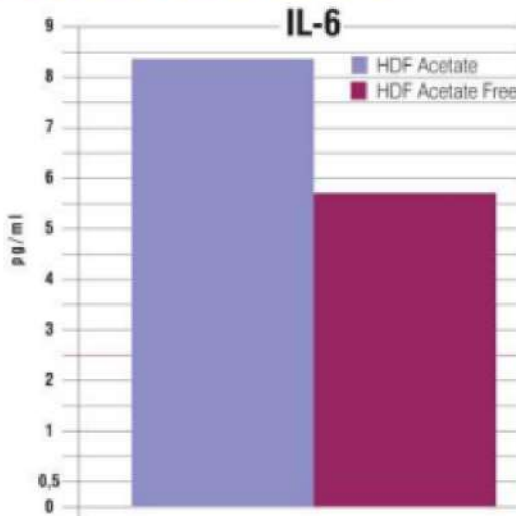
■ Pre - Diyaliz Değerleri  
■ Post - Diyaliz Değerleri

- ▶ Standart bikarbonatlı hemodiyaliz solüsyonları Asetat (2,0 mmol/Lt) ihtiva ederler. Bu nedenle diyaliz esnasında kan asetat seviyesi yükselir.
- ▶ Oysa asetat bir dizi reaksiyonu, özellikle Nitrik Oksit sentezini tetikleyerek diyaliz biokompabilitesini olumsuz etkiler.

## NİTRİK OKSİT

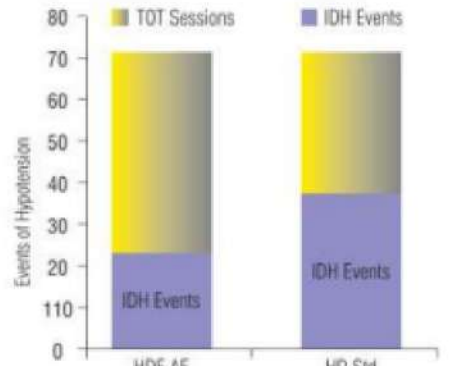


## İNFLAMASYON MARKERLERİ



Asetatlı solüsyonla tedavi edilen hemodiyaliz hastalarına göre Asetat Free solüsyonla tedavi gören hastalarda inflamasyon markerleri olan kan C-Reaktif Protein (CRP) ve İnter Lukein -6 (IL-6) seviyeleri daha düşük bulunmuştur.

## İNTRA DİYALİTİK HİPOTANSİYON



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j Artif Organs (2011) 14:112-119, DOI 10.1007/s 10047-010-0551-7
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Therapeutic Apheresis and Dialysis 15 (5):460-465, 2011
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- ▶ **A prospective comparison of bicarbonate dialysis, hemodiafiltration, and acetate-free biofiltration in the elderly**  
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- ▶ **Induction of NO synthase 2 in ventricular cardiomyocytes incubated with a conventional bicarbonate dialysis bath,**  
Nephrol Dial & Transplant , 2008, 23, 2192-97. Grandi E, Govoni C, Furini S
- ▶ **On-line haemodiafiltration with and without acetate; ND & T, 2006, 21, 1648-51**  
Pizzarelli F,

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