



EFFECT OF ACETATE FREE DIALYSIS ON MORTALITY IN THE EUROPEAN REGISTRIES

ERA-EDTA and National Societies for Nephrology and
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French initiative

Improved survival associated with acetate-free haemodialysis in elderly: a registry-based study

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Table 3. Multivariate adjusted hazard ratio (HR) for all-cause mortality according to AFD exposure status, by age group

	Model fully adjusted	
	HR (95% CI) < 70 years	HR (95% CI) ≥ 70 years
Mortality at 1 year		
Exposure to AFD (ref. unexposed to AFD)		
Exposed in a mixed unit	1.25 (0.96–1.64)	0.78 (0.66–0.91)
Exposed in a 100% HCl unit	1.46 (0.88–2.42)	0.76 (0.54–1.08)
Mortality at 4 years		
Exposure to AFD (ref. unexposed to AFD)		
Exposed in a mixed unit	1.02 (0.85–1.23)	0.82 (0.73–0.92)
Exposed in a 100% HCl unit	1.17 (0.80–1.70)	0.81 (0.69–0.96)

Adjustments for region of first dialysis, sex, diabetes, heart failure, coronary heart disease, peripheral vascular disease, stroke, myocardial infarction, chronic respiratory disease, obesity, cirrhosis, active malignancy, smoking, mobility, albuminaemia (<25, [25,30], [30,35] and ≥35 g/L), eGFR (<15 and ≥15 mL/min/1.73 m²), HDF, public or private status, stratification by facility type. Use of robust variance estimates to account for unit-clustering effects.

AFD, acetate-free dialysis; HDF, haemodiafiltration.

- Different options have been explored
 - Option 1
 - Use the European registry to conduct the same analyses that was recently published
 - Determine the exposure to acetate free dialysate using the data from the manufacturers
 - Option 2,
 - Use the national registries after the agreement of their presidents.
 - Use the dialysate data if recorded or as in option 1 determine the exposure to acetate free dialysate using the data from the manufacturers
 - Option 3,
 - Use EUODOPPS
 - Apply for access to the EUODOPPS data in the next call and also obtain an ultra-short registry fellowship from ERA-EDTA
 - Use the dialysate data if recorded or as in option 1 and 2 determine the exposure to acetate free dialysate using the data from the manufacturers

- Update

- First, our results are now published and can help us to explain our objective

- Second, the problems are

- To establish the exposure to acetate free dialysate

- To have fund to conduct the same analyses that were done in the French registry.