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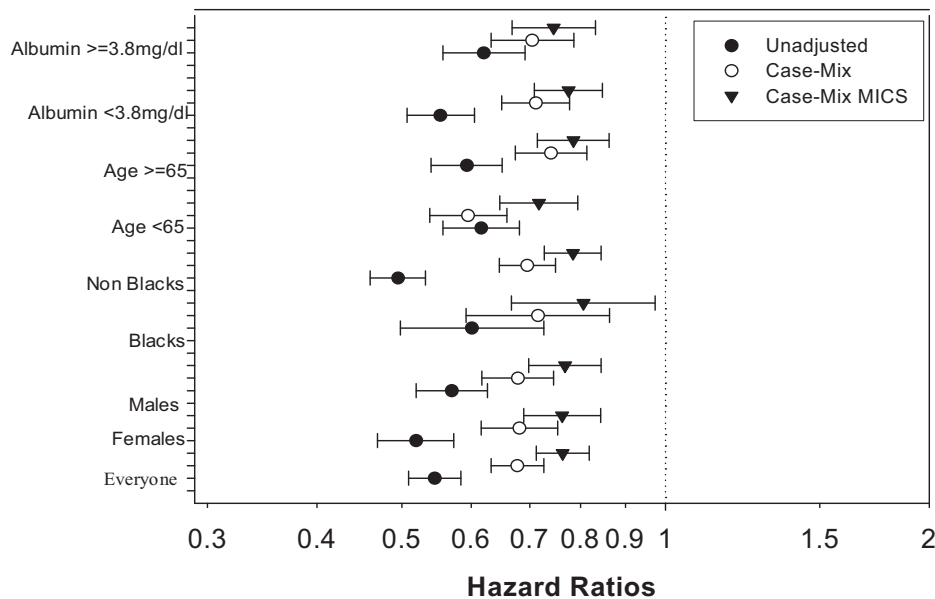
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COMPARING MORTALITY OF NON-DIABETIC MAINTENANCE HEMODIALYSIS (MHD) PATIENTS WITH AND WITHOUT POLYCYSTIC KIDNEY DISEASE (PKD)

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MHD patients with PKD are generally younger and healthier comparing to other MHD patients. In 79,002 MHD patients, who were followed for up to 5 years, we examined survival within several subgroups of MHD patients and compared PKD and non-PKD non-diabetic patients. Patients were classified into subgroups of gender, race (Blacks vs. others), age (≥ 65 years vs. younger), serum albumin (≥ 3.8 g/dl vs. lower). Survival models were adjusted for case-mix and surrogates of malnutrition-inflammation complex syndrome (MICS). There were 3,565 patient with PKD (mean age: 59 ± 18 years, 47% female, 14% Blacks) and 75,435 non-diabetic patients without PKD (mean age: 60 ± 17 years, 43% female, 31% Blacks). Death hazard Ratios (and 95% confidence intervals) were calculated in each category comparing PKD to non-PKD patients (see Figure).



Hence, in non-diabetic MHD patients, diagnosis of PKD vs. other causes of ESRD is associated with 20-30% lower death risk.