

# Hip fracture linked to increased risk for death in T2DM patients

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(HealthDay)—For patients with type 2 diabetes, hip fracture is

associated with an increased risk for death, according to a study published online May 21 in the *Journal of Diabetes Investigation*.

Yuji Komorita, M.D., Ph.D., from Kyushu University in Fukuoka, Japan, and colleagues examined the correlations of hip fracture, upper-limb fracture, [cardiovascular disease](#) (CVD), and end-stage renal disease (ESRD) with all-cause death in patients with type 2 [diabetes](#). A total of 4,923 Japanese patients with type 2 diabetes were followed for a median of 5.3 years.

The researchers found that during follow-up, 309 participants died. Participants with hip fracture versus those without had increased multivariate-adjusted odds ratios (ORs) for all-cause mortality (OR, 2.67). The ORs for upper-limb fractures were not significant. Patients with CVD and ESRD versus those without had significantly higher ORs for all-cause mortality (ORs, 1.78 and 2.36, respectively). Further adjustment for CVD and ESRD did not affect the OR for all-cause mortality associated with hip fracture (OR, 2.74). Among participants with hip fracture, the cause of death was infection, malignant neoplasm, and CVD (40, 25, and 15 percent, respectively).

"It should be emphasized that [hip fracture](#) is a critical event in the aging population of [patients](#) with type 2 diabetes during the present era of a better prognosis of CVD," the authors write.

**More information:** [Abstract/Full Text \(subscription or payment may be required\)](#)

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