

Pacemaker need higher in patients with type 2 diabetes

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(HealthDay)—The need for pacemakers is higher among patients with

type 2 diabetes than the general population, according to a study published online Sept. 4 in *Diabetes Care*.

Elina Rautio, from the Solna Karolinska Institutet in Stockholm, and colleagues used data from the Swedish National Diabetes Registry to identify 416,247 patients with type 2 diabetes plus 2,081,235 age- and sex-matched controls selected from the general population. The need for pacemaker implementation was compared between the two groups.

The researchers found that type 2 diabetes was associated with an increased need for pacemaker treatment (hazard ratio, 1.65), which remained significant (hazard ratio, 1.56) after adjusting for age, sex, educational level, marital status, country of birth, and coronary heart disease. Increasing age, hemoglobin A1c, body mass index, diabetes duration, and lipid- and blood pressure-lowering medication were [risk factors](#) for receiving a pacemaker.

"The [medical community](#) should therefore recognize that patients with type 2 diabetes comprise a high-risk group for developing bradyarrhythmias with a subsequent need for pacemaker treatment," the authors write.

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

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