III-P-329 Increased risk of vaginal infection among women with type 2 diabetes mellitus: a nested case-control study

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Objective: To investigate whether patients with diabetes mellitus (DM) have a higher risk of vaginal infection.

Methods: We identified 887 women with type 2 DM newly diagnosed in 2004-2009 from the Taiwan National Health Insurance Research Database. Case-control groups consisted of 347 women with type 2 DM and randomly selected controls. Results: Women with type 2 DM had a significantly higher rate of vaginal infection compared to controls. The hazard ratio (HR) for women with DM was 1.66 (95% confidence interval [CI]: 1.00-2.70) for vaginal infection.Conclusion: Women with DM have a higher risk of vaginal infection compared to those without DM.