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POSTER PRESENTATION
DIAGNOSTICS

PP079 - A SIMPLE RISK SCORE FOR PREDICTING TYPE 2 DIABETES MELLITUS INCIDENT IN BINONG, TANGERANG, BANTEN PROVINCE, INDONESIA.

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Introduction
A simple type 2 diabetes mellitus risk tool that does not require laboratory tests would be beneficial in screening individuals in general population. Few studies have evaluated the ability of these tools to identify new cases diabetes in Indonesian population. This study aimed to assess the ability of the simple diabetes risk score developed in Thailand to predict the incidence of diabetes in Indonesian population.

Methods
A cross-sectional study gathered 96 undiagnosed diabetes out-patients at general practice clinic, and then filled the simple diabetes risk score. The result compared with the random plasma glucose level. Diabetes is defined as random blood glucose > 200 mg/dl and as cutoff score of more than 6 of 17 in the simple diabetes risk score.

Results
The diabetes risk scoring model could identify diabetes patients with a sensitivity of 81.1% and a specificity of 20.7%, making the positive predictive value 39.5% and negative predictive value 63.2%.

Conclusion
The simple diabetes screening score is simple and easily implemented, showed fair result. Future studies are needed to evaluate it in Indonesian populations.

POSTER PRESENTATION
DIABETES AND REPRODUCTIVE ENDOCRINOLOGY

PP083 - THE ASSOCIATION BETWEEN ERECTILE DYSFUNCTION AND DIABETIC AUTONOMIC NEUROPATHY IN SEMARANG HOSPITAL DURING APRIL - JUNE 2013

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Introduction
Diabetic autonomic neuropathy (DAN) is a common complication of diabetes mellitus. Manifestations of DAN include erectile dysfunction, orthostatic hypotension, gastroparesis, etc.
Erectile dysfunction (ED) is the inability to achieve or maintain an erection sufficient for satisfactory sexual performance. The etiologies of ED are vasculogenic, psychogenic, neurogenic and endocrinologic disease.
The association between severity of ED and DAN has not been fully appreciated.

Methods
A cross sectional study, subjects are diabetic patients age<55 years-old, came to Semarang Hospital during April - June 2013. The International Index of Erectile Function (IIEF-5) Questionnaire were used for ED evaluation, while Blood Pressure (BP) measurement in stand up and bed position for DAN. We categorized subjects in to negative DE (score ≥ 22), mild ED (score 17-21), mild to moderate ED (score 12-16), moderate ED (score 8-11) and severe ED (score ≤ 7). Confirmed DAN if systolic or diastolic BP was different at the first and second examination. Data were analyzed with SPSS.

Results
We collected 35 subjects, positive ED were 30 subjects (85.7%). Mean score of ED were 12.37±5.493 with minimum score 5 and maximum score 24. There were mild ED 3 (8.6%), mild to moderate 9 (25.7%), moderate ED 12 (34.3%) and severe ED 6 (17.1%). DAN (+) were 21 subjects (60%). There were no association between ED with DAN (p=0.339, r=0.167) and no correlation between severity ED and DAN (p=, 452, r = 0.131).

Conclusion
Study showed that there were no association between ED and DAN, and also severity of ED and DAN.

POSTER PRESENTATION
DIABETES AND OTHER HYPOGLICEMIC AGENT

PP086 - A1C IMPROVEMENT WITH LIRAGLUTIDE EVALUATED BY BASELINE BMI

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