[Trypsin deficiency in diabetes mellitus of children and adolescents (author's transl)].

[Article in German]
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Abstract

In 111 children and juveniles aged 7–27 years suffering from insulin-dependent diabetes mellitus the immunoreactive plasma human pancreatic trypsin was measured by means of the method RIAGnost-Trypsin-test, Behring. Decreased plasma trypsin was measured at the onset of diabetes already. In patients with diabetes with a period of 8–13 years the trypsin values were found to be significantly lower (79.6 +/- 35.3 ng/ml) than in these suffering from diabetes 0–3 years (100.4 +/- 36.9 ng/ml). None of all these patients had clinical pancreatic disease. Abnormalities in exocrine pancreatic function occur in patients with insulin-dependent diabetes mellitus, which is not confined to pancreatic islets only. Until today clinical consequences not can be drawn.

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