



## بسم الله الرحمن الرحيم

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تم عمل المسح الضوئي لهذه الرسالة بواسطة / سامية زكى يوسف

بقسم التوثيق الإلكتروني بمركز الشبكات وتكنولوجيا المعلومات دون أدنى

مسئولية عن محتوى هذه الرسالة.

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- بعض الصفحات الأصلية تالفة
- بالرسالة صفحات قد تكون مكررة
- بالرسالة صفحات قد يكون بها خطأ ترقيم

***Growth Assessment in Type 1  
(Insulin Dependent)  
Diabetic Egyptian Children***

**Thesis  
Submitted for Partial Fulfillment of  
M.D. Degree in Pediatrics**

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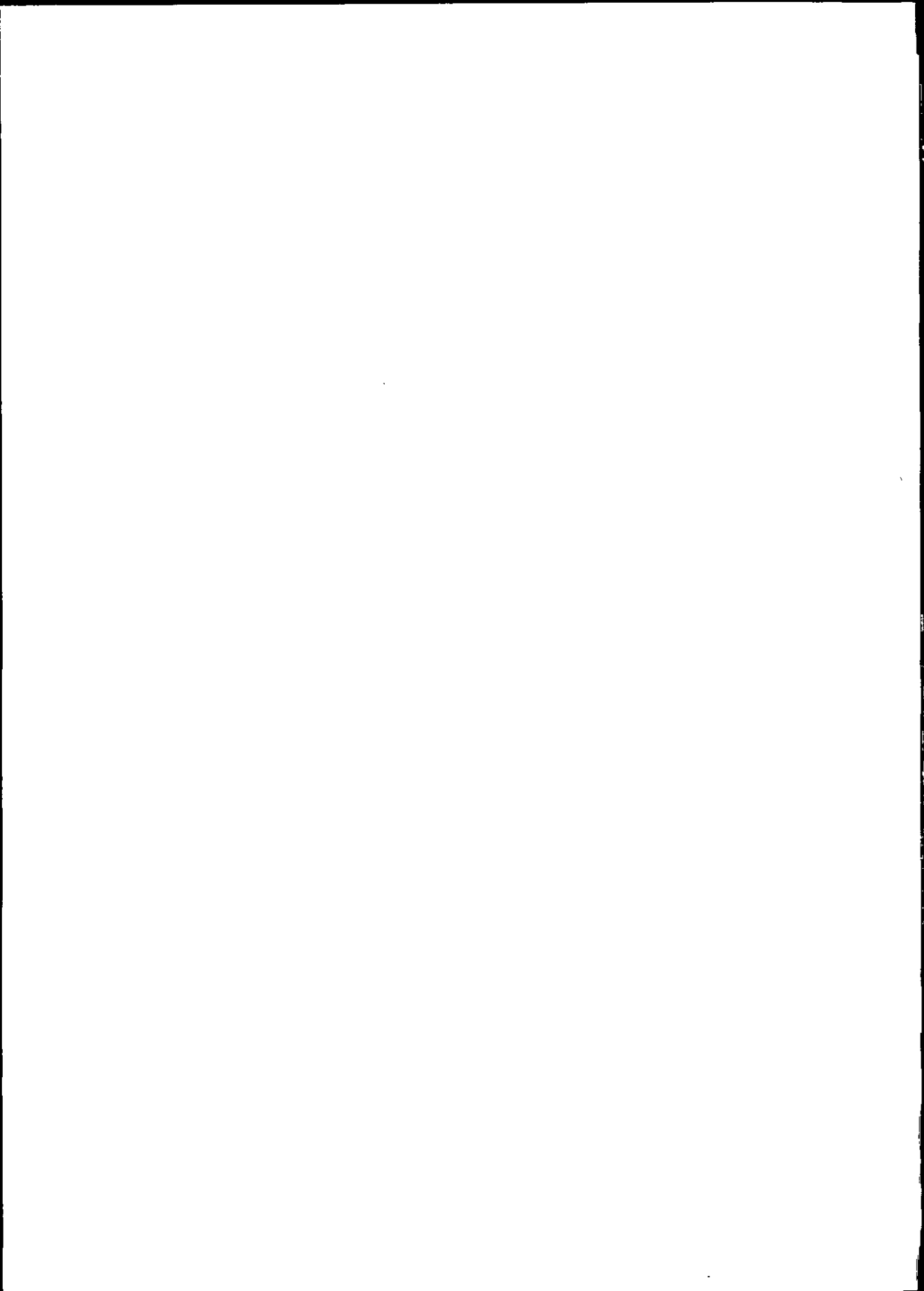
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## Abbreviation

<b>BMI</b>	<b>Body Mass Index</b>
<b>CSII</b>	<b>Continuous Subcutaneous Insulin Infusion</b>
<b>DM</b>	<b>Diabetes Mellitus</b>
<b>DCCT</b>	<b>Diabetes Control Complication Trial.</b>
<b>DPT-1</b>	<b>Diabetes Prevention Trial.</b>
<b>FCPD</b>	<b>Fibrocalculous Pancreatic Diabetes</b>
<b>GDM</b>	<b>Gestational Diabetes Mellitus</b>
<b>GIGT</b>	<b>Gestational Impaired Glucose Tolerance</b>
<b>GAD</b>	<b>Glutamic Acid decarboxylase</b>
<b>GHbPs</b>	<b>Growth Hormone Binding Proteins</b>
<b>HbA<sub>1c</sub></b>	<b>Glycosylated Hemoglobin</b>
<b>IAA</b>	<b>Insulin Auto-Antibodies.</b>
<b>ICA</b>	<b>Islet Cell Antibodies</b>
<b>IDDM</b>	<b>Insulin Dependent Diabetes Mellitus.</b>
<b>IFG</b>	<b>Impaired Fasting Glycemia</b>
<b>IGT</b>	<b>Impaired Glucose Tolerance</b>
<b>IGFs</b>	<b>Insulin Like Growth Factors</b>
<b>IGF-BPs</b>	<b>Insulin Like Growth Factors Binding Proteins.</b>
<b>LADA</b>	<b>Latent Auto-immune Diabetes in Adults</b>
<b>MODY</b>	<b>Maturity Onset Diabetes of the Young.</b>
<b>MRDM</b>	<b>Malnutrition Related Diabetes Mellitus.</b>
<b>MPH</b>	<b>Mid-Parental Height.</b>
<b>NIDDM</b>	<b>Non Insulin Dependent Diabetes Mellitus.</b>
<b>OGTT</b>	<b>Oral Glucose Tolerance Test</b>
<b>PDPD</b>	<b>Protein Deficient Pancreatic Diabetes</b>
<b>PHV</b>	<b>Peak Height Velocity</b>
<b>SCBF</b>	<b>Subcutaneous Blood Flow</b>
<b>SF</b>	<b>Skinfold.</b>
<b>Δ-Z height</b>	<b>Growth Velocity of Height.</b>



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***Introduction &  
Aim of the Work***

