



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغييرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من 15-25 مئوية ورطوبة نسبية من 20-40%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم

Helicobacter pylori among type I diabetic children and adolescents

Thesis

Submitted for partial fulfillment of Master Degree in
Pediatrics

By

Lamia Abd El Aziz El Hariry 

MB, B. CH (Dec. 1997)

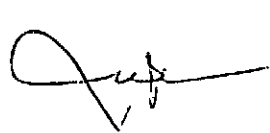
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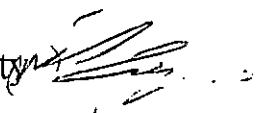
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Faculty of Medicine

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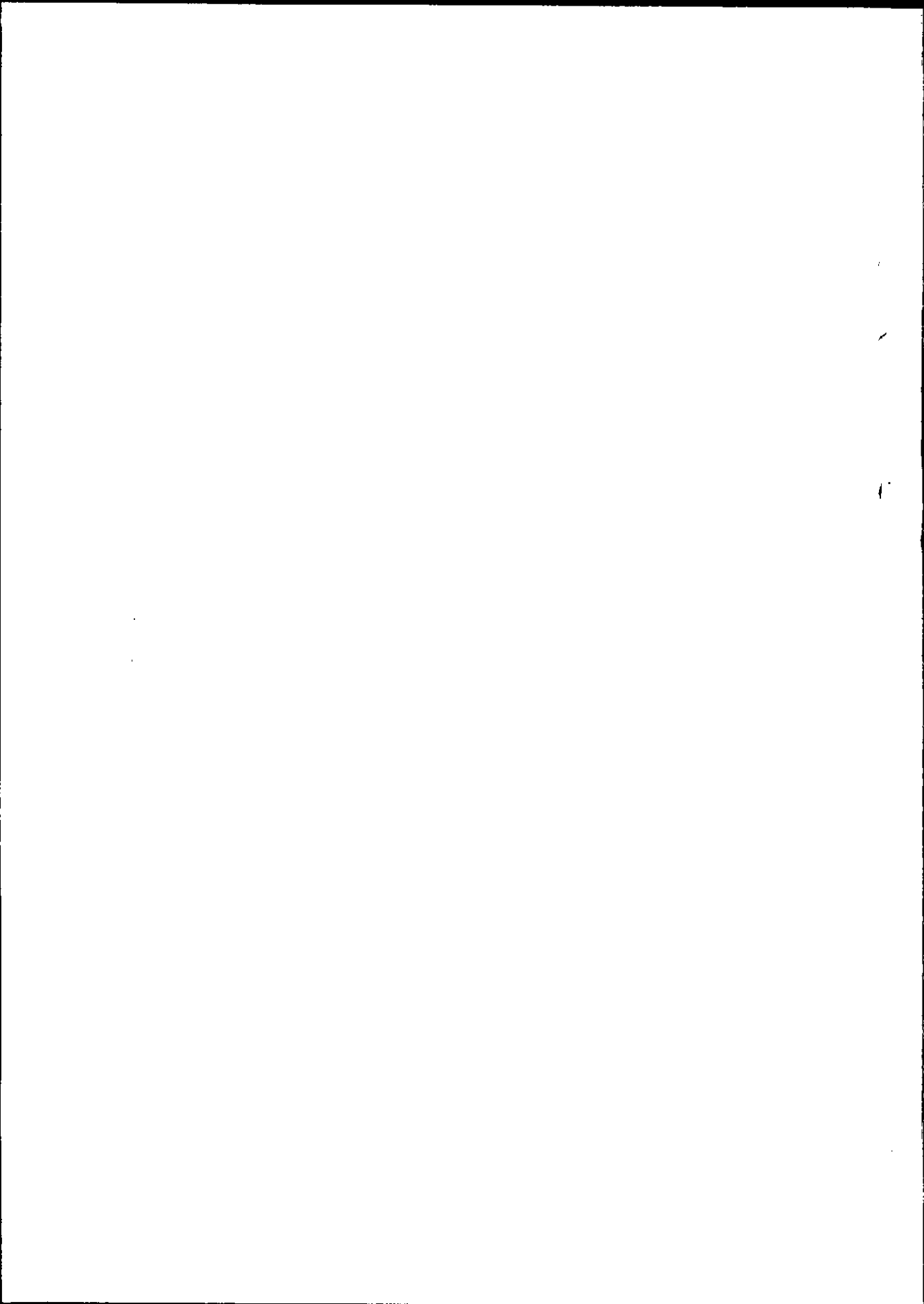
قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا

إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ

الْعَلِيمُ الْحَكِيمُ

صَلَّى اللَّهُ الْعَظِيمُ

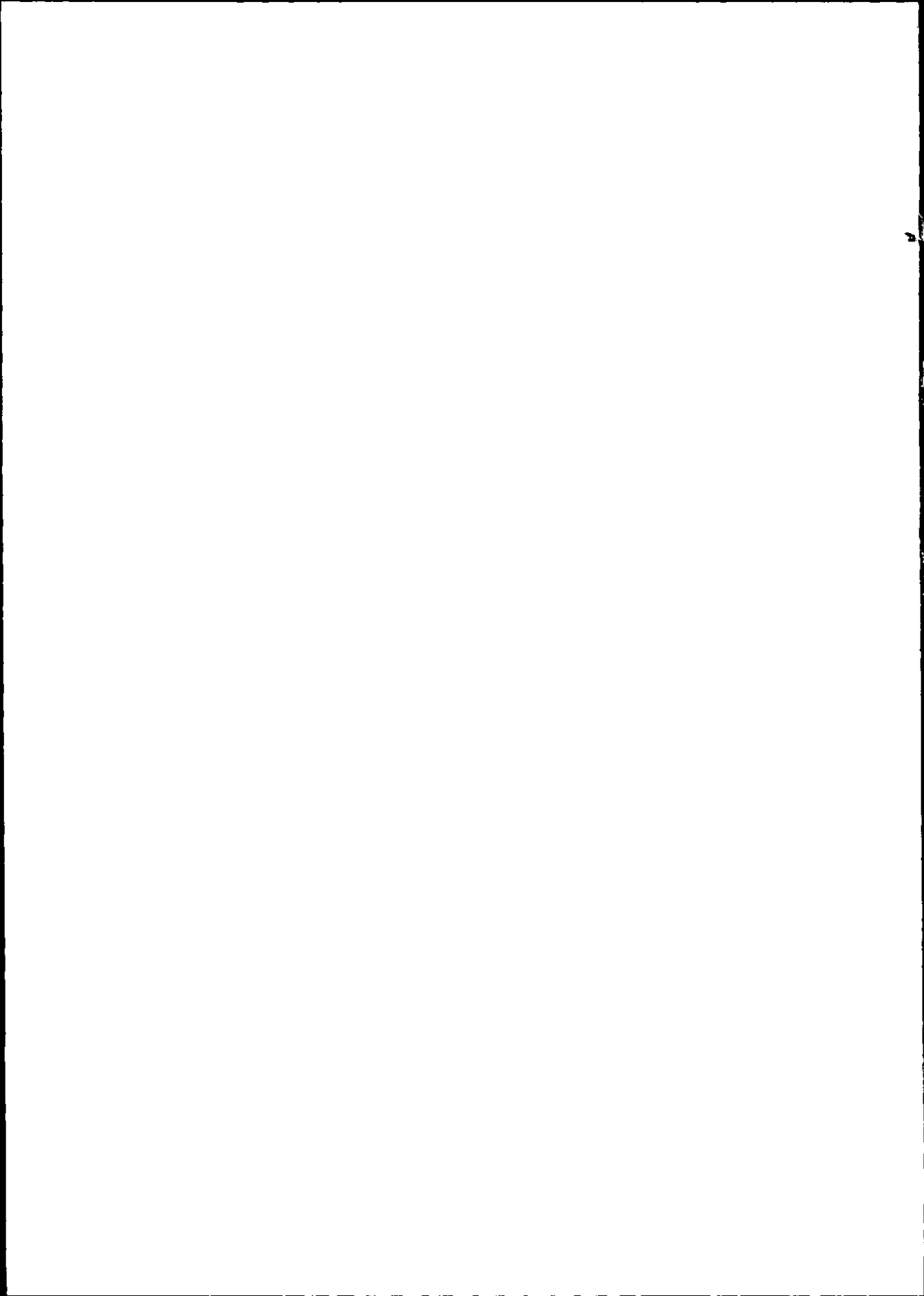
سورة البقرة / الآية {٣٢}





To ...

*My Parents and
special Thanks to my
Mom*



Acknowledgement

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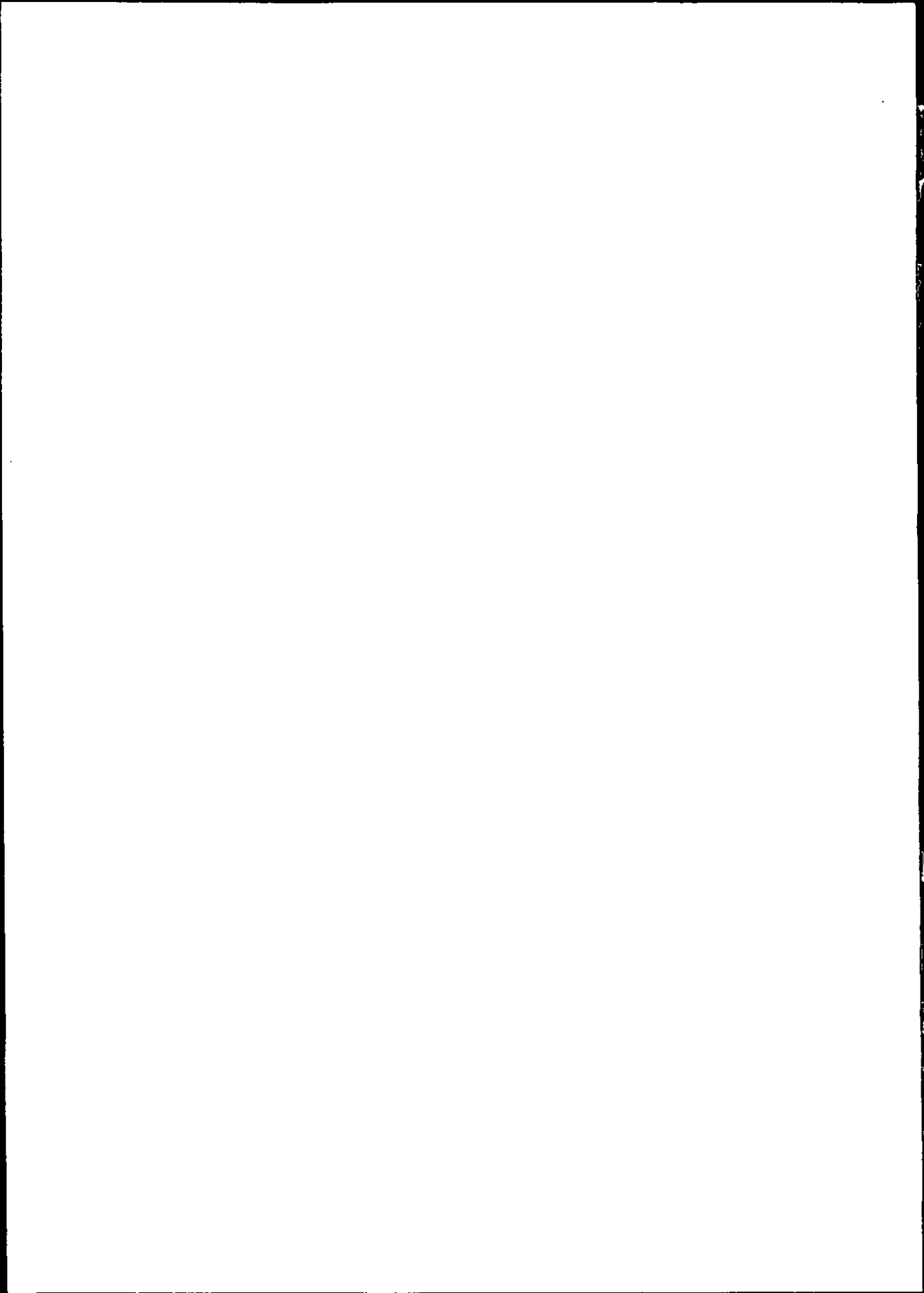
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List of abbreviations

APD	: Acid peptic disease
<i>Cag A</i>	: Cytotoxin associated gene A
<i>Co2</i>	: Carbon dioxide
DNA	: Deoxy nucleic acid
<i>ELISA</i>	: Enzyme linked immuno Sorbent assay
<i>H. Pylori</i>	: Helicobacter pylori
<i>H2 receptor</i>	: Histamin 2 receptor
<i>HDL</i>	: High density lipoproteins
<i>HSPA</i>	: Heat shock proteins A
<i>HSPB</i>	: Heat Shock Proteins B
<i>IDDM</i>	: Insulin dependent Diabetes mellitus
<i>IFG</i>	: Impaired Fasting glucose
<i>IgG</i>	: Immuno globulin G
<i>IgM</i>	: Immuno globulin M
<i>IGT</i>	: Impaired glucose Tolerance
<i>MALT</i>	: Mucosa associated lymphoid tissue
<i>NIDDM</i>	: Non Insulin dependent Diabetes mellitus
<i>NSAIDS</i>	: Non steroidal antiinflammatory drugs
<i>PAF</i>	: Platelet Activating factor
<i>PCR</i>	: Polymerase chain reaction
<i>PNL</i>	: Poly morph nuclear leukocytes
<i>RNA</i>	: Rybosomal Nucleic acid
<i>SigA</i>	: Secretory Immuno globulin A
<i>TNF-α</i>	: Tumour Necrosis factor Alpha
<i>VACA</i>	: Vaculated Cytotoxin A

