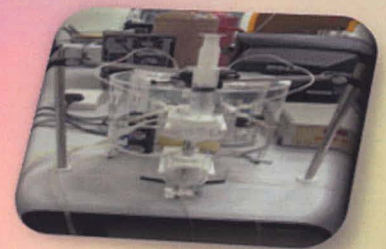


KULLIYAH OF DENTISTRY INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA



ESSENTIAL LABORATORY INVESTIGATIONS FOR DENTAL STUDENTS

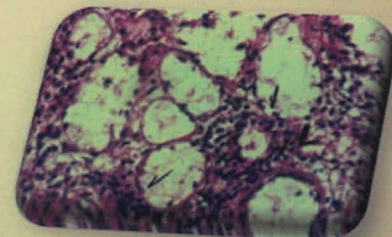
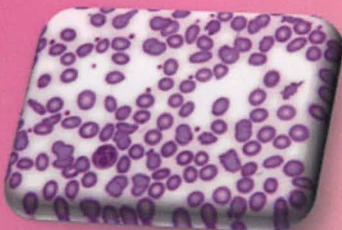


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IIUM PRESS

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IIUM Press

Published by:
IIUM Press
International Islamic University Malaysia

First Edition, 2011
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Perpustakaan Negara Malaysia Cataloguing-in-Publication Data

ISBN: 978-967-418-040-9

Member of Majlis Penerbitan Ilmiah Malaysia – MAPIM
(Malaysian Scholarly Publishing Council)

Printed by :
IIUM PRINTING SDN. BHD.
No. 1, Jalan Industri Batu Caves 1/3
Taman Perindustrian Batu Caves
Batu Caves Centre Point
68100 Batu Caves
Selangor Darul Ehsan

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CHAPTER SEVEN

Clinical Case Reports

Dr. Nazih Shaaban Mustafa

Case I

A fifty year old diabetic patient attended the dental clinic for surgical removal of wisdom tooth. In the day of the surgery the investigations of the patient was, (FBS 18), so the surgeon decided to postponed the surgery due to this result. What is the essential lab investigations needed?

Answer:

Diagnostic criteria for diabetes mellitus:

1. Fasting blood sugar ≥ 126 mg/dl (7.0 mmol/l)
2. Urine test for glucose
3. Oral glucose tolerance test (OGTT)
4. HbA1c : reference level 4.4 – 6.4%
5. Urine albumin excretion: albumin excretion rate of 30-300 mg/24 hours
6. Insulin test: a direct measurement of hormone
7. Other tests:
 - Blood count and coagulation screen
 - Arterial blood gass for ketoacidosis