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## In and Around Tabuk

**The Shoe of Juhha mountain is by the beach on the way to Magna village where are the wells of Moses. It is a warm and windy beach with beautiful scenery specially at sunset. It is about 270km from Tabuk - Dr. Abdullah Alatawi, VD of Quality and Development**

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# MedEdu Tabuk

## Weekly Newsletter

Department of Medical Education, Faculty of Medicine, University of Tabuk

## Faculty Website

### Message From the Editor

Faculty websites can be a source of a variety of information and an important communication tool between faculty, students, parents and the community. Often it is the source of first impression and reflects the quality of the institution. The Dean, Dr. Marai is committed to revamp the Faculty website to make it more appealing and interactive. We seek your feedback and active participation in making this possible.



## THIS WEEK LAST WEEK





## STUDENT SECTION

**Abdulaziz Bedaiwi**

**4<sup>th</sup> year Medical Student**

We are in 21<sup>st</sup> century as people our world is developing. We need something creative and interactive method to learn and understand how our body works. For this reason I think we need hands on experience. So I create models to help medical students and community in general to make complicated things simpler for them. This models have been made with daily household items. All I need is some creativity.



Asthma model: It is interactive model. It looks like normal lung and asthmatic lung. When any person use it, he will understand how asthma effects our lung. The idea is two balloons connected with an air pump. In asthmatic lung the balloon cannot be expanded. But in normal lung it will expand.



The Immunization wheel: When someone wants to know the appropriate vaccine for his children he spins the wheel in wanted month to get name of vaccines that should be taken in that age.



Breast feeding: It contains important information about breast feeding.

## UPCOMING ACTIVITY

### BI-WEEKLY ACADEMIC ACTIVITY

**Date:** February 7<sup>th</sup>, 2017 Wednesday

**Venue:** Staff's activity hall in the 2<sup>nd</sup> floor opposite the Dean's Office

**Time:** 12.30pm-3pm

**Activity 1: Exchange of views on changes in Preparatory Curriculum**

**Activity 2: English language teaching in preparatory year- Dr. Jalal**

**Activity 3: World Asthma Day- Dr. Badr Alsayed/ Dr. Tanveer Raza**

**Activity 4: World Immunization Week- Dr. Magdi Ali El-Damarawi and Dr. Izzaddinn Elawad D. Ahmed**

## READER'S CORNER: Antidiabetic effects of ethyl acetate fraction of Clerodendrum volubile leaves

### Dr. Ahmed Mesaik

The antidiabetic effects of the ethyl acetate (EtOAc) fraction of Clerodendrum volubile leaves was investigated in this study. EtOAc was also fractionated to isolate the active compounds. The structure of the isolated compound (Protocatechuic acid) was established using  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectroscopies and mass spectrometry. Protocatechuic acid was investigated for its anti-oxidative burst in polymorphonuclear neutrophils (PMNs) and macrophages. It was also docked with  $\alpha$ -glucosidase and TNF- $\alpha$ . Acute treatment with EtOAc fraction of Clerodendrum volubile leaves significantly ( $p < 0.05$ ) decreased blood glucose level and hepatic biomarkers, and significantly ( $p < 0.05$ ) increased serum insulin level and  $\beta$ -cell function. It had little or no effect on serum lipid profile and atherogenic indices. Protocatechuic acid significantly ( $p < 0.05$ ) suppressed phagocytic oxidative burst and docked well with  $\alpha$ -glucosidase and TNF- $\alpha$ . These results indicate the therapeutic effect of EtOAc fraction of *C. volubile* on type 2 diabetes and its complications, which can be attributed to the main bioactive compound, protocatechuic acid. [Link to Article](#)

## Exam Invigilation Schedule 4/2/2018- 8/2/2018

### Dr. Zubair Mohammed

Date	Module	Invigilators	Time	Venue
04/02/2018	Endocrine Module	Dr. Waleed Shaaban Mr. Ahmed Moawad Mutairi	10am-12noon	Central Exam Hall
06/02/2018	AHM-1- Mid Module	Dr. Magdy Damrawi Dr. M Ashraful Islam Mr. Mehdi Hasaan Albalawi	10am-12pm	Central Exam Hall

## Academic Affairs arrangement for Next Week

**Prof Magdy M. ElShamy**

### For Female Section:

- ❖ **Endocrine System Module: 3<sup>rd</sup> year, Final MCQs & PBL Exams on Sunday**  
4/2/2018
- ❖ **Endocrine System Module: 3<sup>rd</sup> year, OSPE on Monday 5/2/2018**
- ❖ **Reproduction System Module: 3<sup>rd</sup> year, Starts on Tuesday 6/2/2018**
- ❖ **Abnormal Human Morphology I (AHM I) Module: 2nd Year, Mid-Module MCQ Exam on Tuesday 6/2/2018**
- ❖ **Medicine & Sub-specialties Module: 6th Year, Announcing the Mid-Module Exam Results**

### For Male Section:

- ❖ **Endocrine System Module: 3<sup>rd</sup> year, Final MCQs & PBL Exams on Sunday**  
4/2/2018
- ❖ **Endocrine System Module: 3<sup>rd</sup> year, OSPE on Monday 5/2/2018**
- ❖ **Reproduction System Module: 3<sup>rd</sup> year, Starts on Tuesday 6/2/2018**
- ❖ **Abnormal Human Morphology I (AHM I) Module: 2nd Year, Mid-Module MCQ Exam on Tuesday 6/2/2018**
- ❖ **Surgery & Sub-specialties Module: 6th Year, Announcing the Mid-Module Exam Results**