

# **Biochemistry for Medical Students**

By S M Patel

**At the end of this lecture you should be able to understand**

- **Why** are you in the medical field
- What are **goals** of a doctor
- **Role** of Biochemistry in the field
- How will you **study** Biochemistry
- How will you be **evaluated**

**Why** are you in the medical field

# Why are you in the medical field

Respect

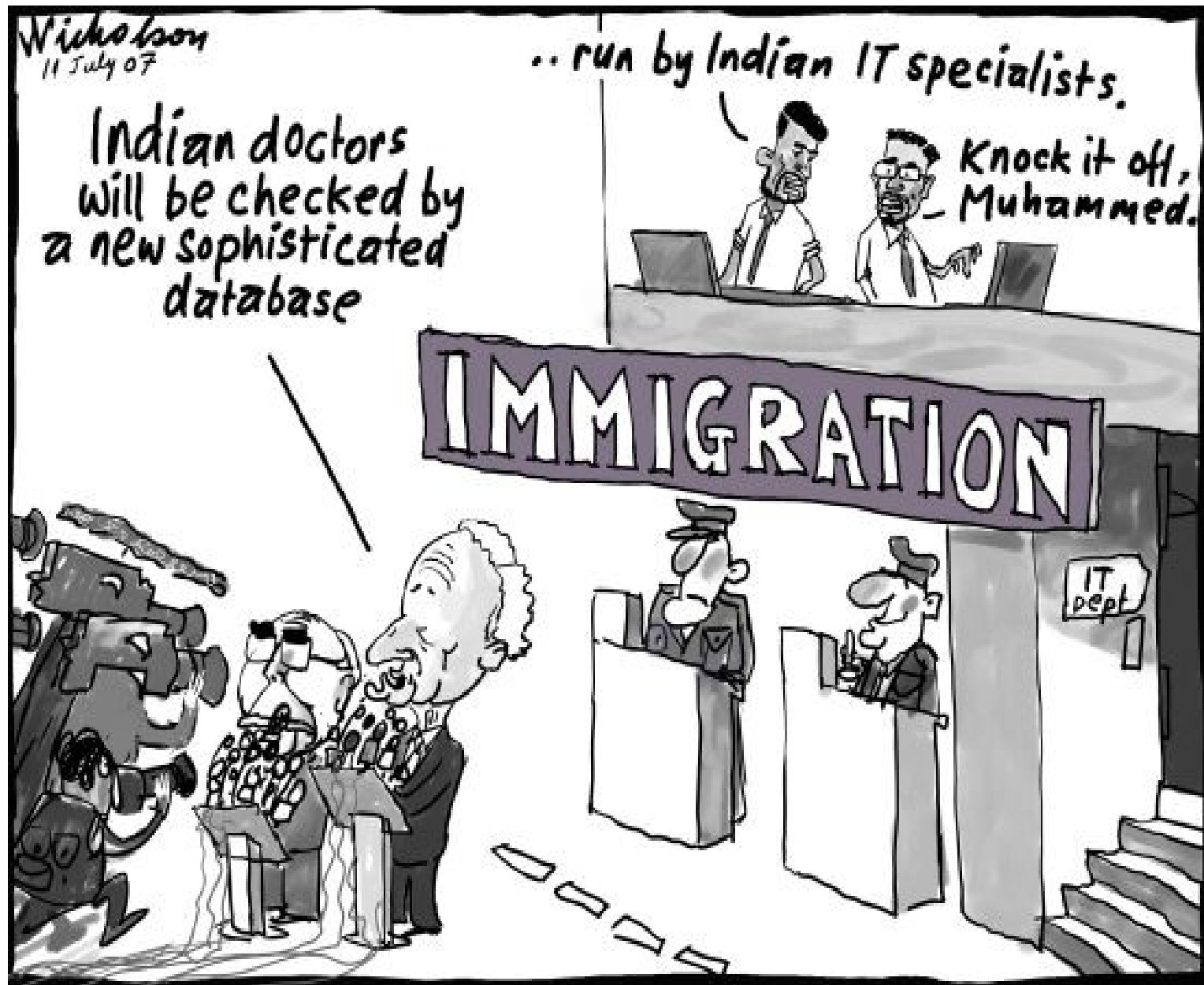


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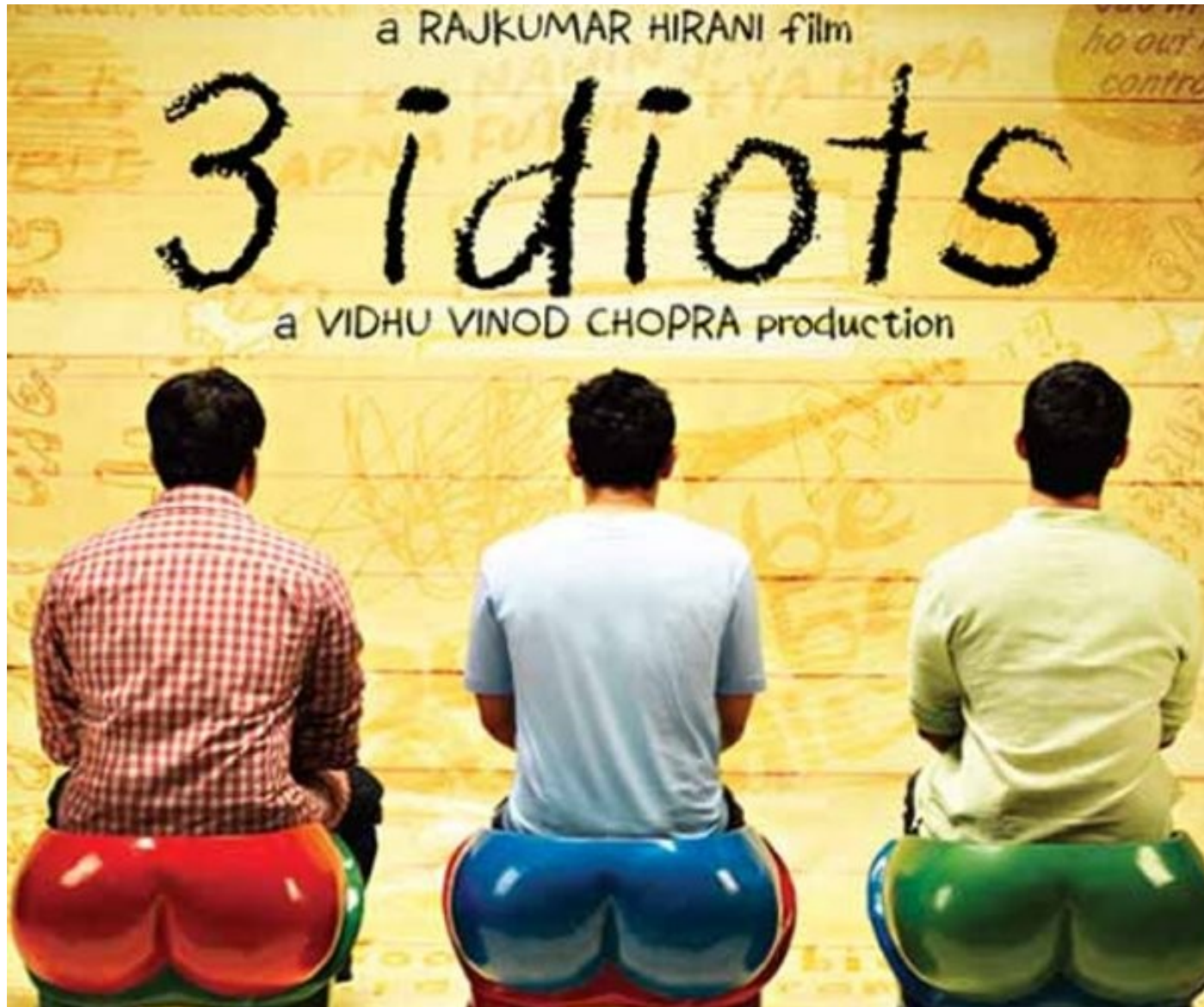
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"Let's play doctor — I'll listen to your heart and you give me all your allowance."

# Why are you in the medical field



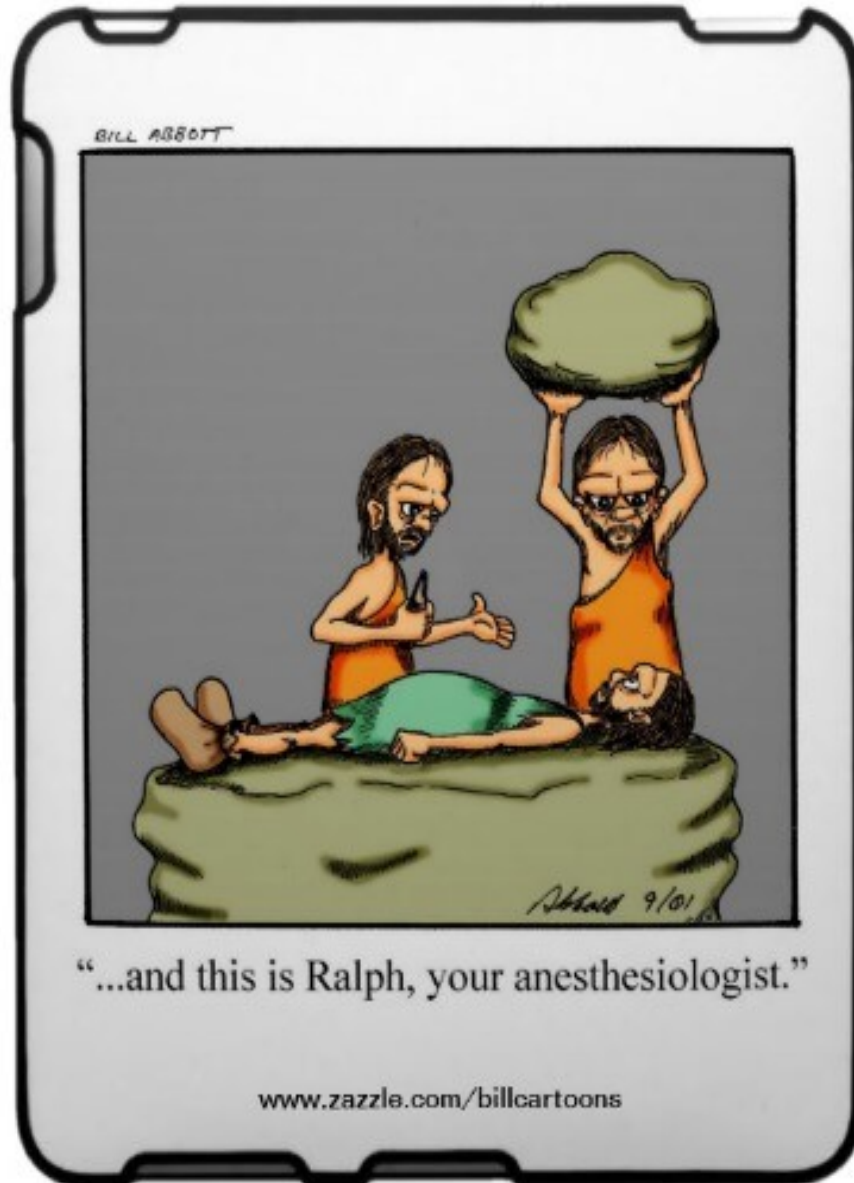
# Why are you in the medical field



Family  
pressure

Interest  
can be  
cultivated

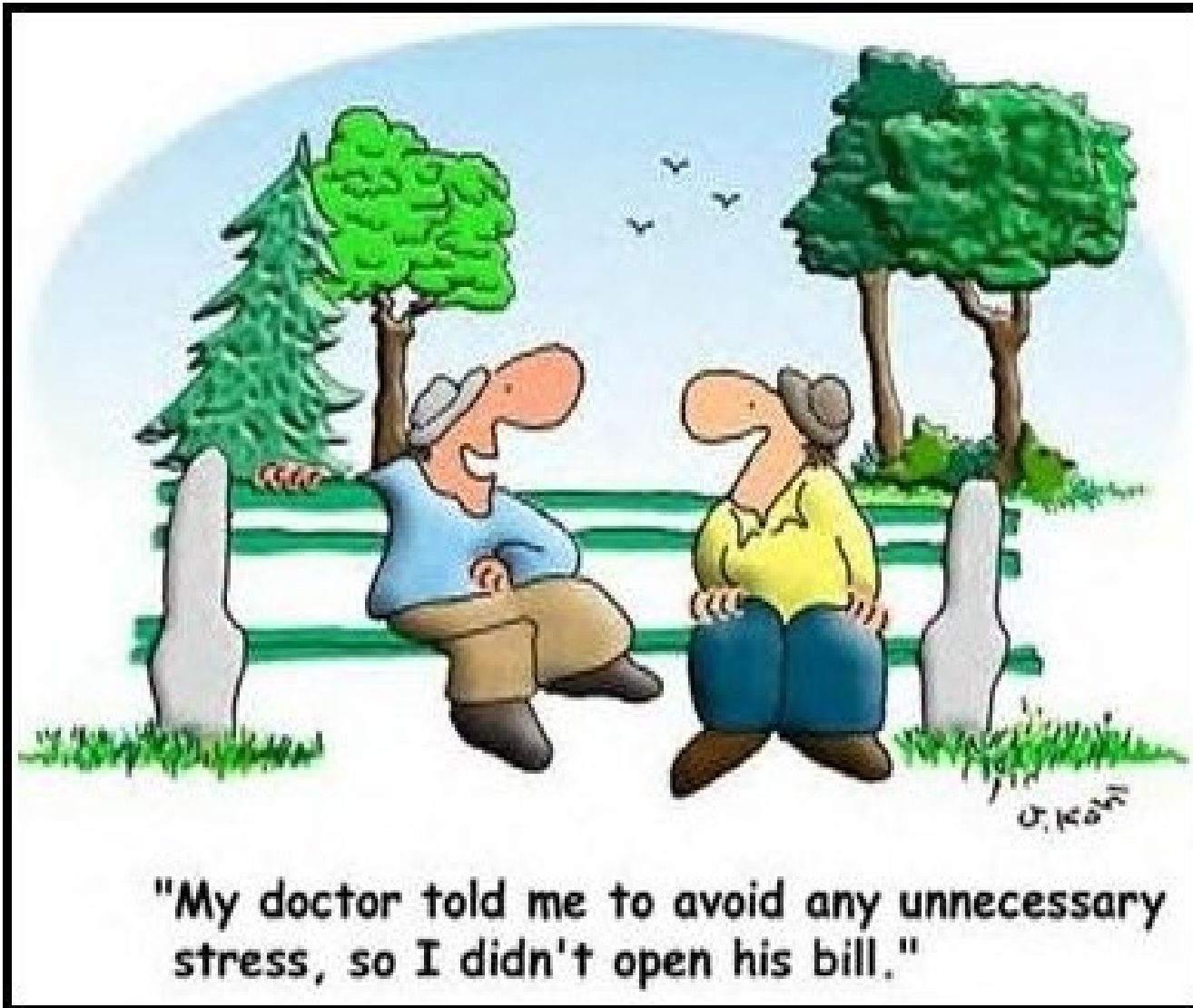
# Why are you in the medical field



Life is  
Interesting  
To study

# Why are you in the medical field

Money





# Why are you in the medical field

Service



What are **goals** of a doctor



To make patient happy

# What are **goals** of a doctor



To make patient  
live longer

# What are **goals** of a doctor



To help patient reproduce

# What are **goals** of a doctor

Whatever the reasons, the goals of becoming a doctor remain same

To make patient happy

To make patient live longer

To make patient reproduce

# **Role of Biochemistry in the field**

**Disease = Misbehaving molecules**

**Treatment**

**=**

**Teach molecules a lesson to  
behave themselves**

# How will you **study** Biochemistry

Teachers

Seniors

**Books**

Lippincott  
Satyanarayan  
Vasudevan

**OLD way**

How will you **study** Biochemistry

**Not So OLD way**

Internet: google, wiki, youtube



How will you **study** Biochemistry

**Departmental web-resources**

**[gmcsurat.edu.in](http://gmcsurat.edu.in)**

- [Dean's Message](#)
- [Where are we?](#)
- **Casual Visitors**
  - [Citizen Charter](#)
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## Department of B

Government Medical College Surat


[Blog](#)

[Souvenir of CME held on 27-09-2014](#)


## Biochemistry

### About MD(Biochemistry) course at the department

- The department have intake of 3 students per year for MD(Biochemistry) Course

- It is recognized by  MCI, New Delhi



- It has  NABL accredited Clinical Laboratory



 [Current Scope](#)

- All students of two batches, who have cleared the course are gainfully employed.
- The course trains students in Clinical Laboratory Management, NABL accreditation.

# Biochemistry Blog

LACTURES ▾

UG JOURNAL

IMPORTANT TIPS

QUESTION AN

UNCATEGORIZED

## CYSTIC FIBROSIS

🕒 JANUARY 16, 2015    💬 LEAVE A COMMENT

1. Which of the following rhyme with "Cystic Fibrosis"

- 65 apple

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## BioBlog

Questioning is route to  
knowledge

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**Write username and email**

**Both will be sent to your  
email soon**

# How will you **study** Biochemistry

## How much?

Disease do not understand lectures,  
books and examination marks

Every thing which help keep patient  
happy, live longer and reproduce

Lifelong learning

Your capacity

Attend Lectures

# How will you **study** Biochemistry

<b>Mon</b>	<b>Wed</b>	<b>Fri</b>
<b>9-10 Lacture</b>	<b>10-11 Lacture</b>	<b>11-12 Lacture</b>
<b>14-15 Problem solving</b>	<b>14-15 Problem solving</b>	<b>14-15 Problem solving</b>
<b>15-17 Practical</b>	<b>15-17 Practical</b>	<b>15-17 Practical</b>



# How will you be evaluated

Time	Theory + Viva	Practical
Variable, many	MCQ	
6 month, C	50 +10	40
11 months, C	50+50+20	40
12 months, U	50+50 +20 +20	40+20
PG Entrance	Variable	-