

Mélange

UNITY IN DIVERSITY



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EDITORIAL MENTOR'S LETTER

Dear Readers,

Welcome back, hope that this winter vacation was a relaxing and re-energizing one, with everyone all set for the new semester and new year! We've made a lot of memories last year and a lot more are yet to be created.

In this issue of Melange, we bring forth to you many exciting articles, interviews, student experiences etc. However, this 2020 edition is unlike the others that you are all familiar with. We have reorganized the newsletter, dividing it into different sections to ensure that you are well-informed about the diverse events and new developments taking place in our university daily. We are very grateful to our Chancellor, Prof. Hossam Hamdy for his invaluable contribution to the newsletter and for his guidance that has helped shaped this newsletter.

A big thank-you to Ms. Burcu too, who has been a constant support since day one of the publication and to all our faithful readers.

Please don't hesitate to contact us anytime and do share with us your feedback, so that we can make Melange even better!

Thankyou,

Engila Khan (2017bm12)



EDITOR'S LETTER

To start with, these past few months have been very eventful for GMU indeed. With students volunteering for the MASE to taking part in flag day celebrations and of course going on the trip to Spain this winter break! However, the most important occasion for the university this time by far was the 16th Convocation ceremony which took place on the 27th of November'19. His Highness Sheikh Humaid Bin Rashid Al Nuaimi, member of the supreme council UAE and Ruler of

Ajman, recognized and honored the achievement of many of the graduates.

Congratulations to all the graduates!

A lot of hard work, time and of course effort from the entire team has been put into this newsletter to make it more entertaining and informative for all our readers so I sincerely hope that you all enjoy reading this issue of Melange! Please do send in any feedback as we are always looking for ways to improve Melange!

Vaneezeh Khamisani (2018bm15)

SPRING 2020

What's waiting for you?

- Sports week
- Talent show
- Spring break: educational and cultural tour to Paris, France



جامعة الخليج الطبية
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UNIVERSITY EVENTS AND ACCOMPLISHMENTS



Breast cancer awareness campaign by MBBS student under supervision of community medicine department- Mushereif PHC for school teachers, Ajman-21st October 2019

Diwali Celebration
27th October



Halloween day
31st October



1st – 2nd Nov: GMU students participated in the NYUAD Public Health Think Tank 2019. Mariyam Dairwan (2017m057) won the honorable mention!



World's stroke day
November 3rd



UNIVERSITY EVENTS AND ACCOMPLISHMENTS



November 3rd: Flag day

November 3rd: Pharm-D students collaborated for Breast Cancer Awareness at Bahi Palace, Ajman



November 3rd: 2nd Batch of "Future Scientists of UAE" at GMU

5th November: GMU celebration for 21 years of excellence



10th November: World's diabetes day



UNIVERSITY EVENTS AND ACCOMPLISHMENTS



11th November: International day of radiology

November 11th
Students volunteered in breast cancer awareness
event held in Fujairah by Red Crescent



World's COPD day- 12th November



Palestinian day-17th November



GMU hosted the 13th Annual Inter-School
Medical and Science and on 20th and 21st
November 2019



UNIVERSITY EVENTS AND ACCOMPLISHMENTS



UAE National day celebration - 25th November

Oman national day - 26th November



CONVOCATION CEREMONY-27th NOVEMBER



CONGRATULATIONS!
GULF MEDICAL UNIVERSITY
FOR WINNING 3 EDUCATION
OSCARs IN LONDON



جامعة الخليج الطبية
GULF MEDICAL UNIVERSITY
ACADEMIC HEALTH CENTER



REIMAGINE
EDUCATION AWARDS 2020



11th December - Congratulations!!!! GMU bags 3 educational Oscars for its Innovative Pedagogy – Virtual Patient Learning



EXECUTIVE BOARD 2019-2020

GENERAL SECRETARY



Yogi

4th Year BPT

ASSOCIATE GENERAL SECRETARY



Amna Alhousani

(2016M090)

JOINT SECRETARIES

College of Pharmacy



Hesham Mohamed

"I believe that leaders should have good relationships with people and that makes it easy to find solutions to their problems."

College of Health Sciences:



Saeed Khaled

"Tomorrow could be different, and that's what keeps me going today."



College of Nursing



Sandra Chidimma Chijieze

4th year Nursing

"My mission is to promote the image of nursing college and to breach the gap between students and decision makers. It's my desire to serve you again because am passionate about seeing things done the right way. I know who I am, I know what I am capable of, my mission is to use this platform to make changes in any area that will positively affect, protect and promote the image of Nursing college and the entire student body of GMU. Together we shall lay a long time legacy that will live on by the grace of God."

College of Healthcare Management and Economics



Ali Asger

"I believe that alone we can do so little; together we can do so much."

College of Dentistry



Yara Talib

4th year dentistry:

"Being the Joint secretary of DMD is something that I have wanted ever since I entered the program, this is because there is so much that I wished to implement for myself and for others throughout this journey. Now that I have completed my pre-clinical courses and entered the clinical courses I trust that I have insight on what students from both phases need. I believe that I am capable of implementing change and adding more of what is related to dentistry that would be beneficial to the students, and to achieve that, I will try my best."

College of Medicine



Amna Alhousani

(2016M090)



COMMUNICATION OFFICERS



Amro Atif

"I enjoy speaking to my fellow students, discussing their issues that affect their daily lives and planning on how to change them. The world is continuously changing, and I want to become involved in the interactions that affect current and future generations."



Anadele Lindsay

"After being in the executive board last year, I am humbled to be part of the team again this year. Last year was a great success, and I hope to continue to work tirelessly through effective communication to help students through every aspect in GMU."

EVENT COORDINATORS



Maram Saeid

"Here's to the crazy ones. The misfits. The rebels. The troublemakers. The round pegs in the square holes. The ones who see things differently. Because the people who are crazy enough to think they can change the world, are the ones who do." -Rob Siltanen



Fathima Sheik

"With teamwork, true dedication and passion, I will be sure to make any event conducted a truly memorable one, and that would be my number one priority."



Nada Hussein

(3rd year pharmD)

"My biggest motive is to be grateful for every little thing and to see the good side of any problem I face, because nothing is impossible. I took the role of a class rep and an event coordinator to pass on this way of thinking and positivity to everyone. My goal for this year is to make it possible for our students to be able to voice their opinions and issues freely, and solve as many problems as possible. University life can get very stressful and hard at times, students need time and space to breathe and relax, enjoy some activities and just have some fun. Let's enjoy youth together while building our passion and dreams!"



TREASURER



Abd Ur Rehman

"The leaders who work most effectively, it seems to me, never say "I". They do not think "I". They think "we". They think "team" ~Tom Peters.

STUDENT INTERVIEWS AND EXPERIENCES

Interview with the first year students about their life at GMU By: Nadhir Rehman



Isra Shaikh 2019 AT 02

Why did you choose this course?

In my school, I took biology and math and I wanted to utilize all the subjects I took and in anesthesia, we do get to utilize this. I checked everywhere and my parents did not want to send me to India for security reasons and I don't think I could adjust there. And lastly, I was attracted to the respective course due to income, practice pattern, employment opportunities and work-life quality that it offers.

How are you finding the course and how is it living in the hostel?

I come from an Indian board so I found it really easy, you just have to be independent. I don't find any pressure. The hostel life is fine, I've made a lot of friends. On most weekends, I go home to Abu Dhabi.

Where do you see yourself after this course?

Being a certified anesthesia technologist





Siyaa Rathi 2019 PH39

What made you choose PharmD?

I wanted to be a chemistry professor so I opted for the course.

How is it going and what is your favorite subject so far?

It's going good so far but it could be better by removing a few general education courses. I really like General principles of anatomy.

Where do you see yourself after completion of this degree?

I'll most likely be going for PhD in some part of pharmacy which I haven't decided yet.



Siddhi Modcoicar 2019 PT 06

Why did you choose medicine?

It was my childhood dream to become a doctor and I am glad that my dream is coming true.

How are you enjoying it?

I enjoy the fact that the MBBS course is not as stringent as the one in India but more clinically based. The staff at GMU are very supportive too. This makes the course worth it.

Where do you see yourself after this degree?

After my degree of mbbs I am planning MD.

What is the biggest difference you find between school and Gmu life?

My life in GMU is lot more comfortable than school life



**Siddhi Modcoicar
2019 PT 06**

Why did you choose physiotherapy?

I chose this course because I want to help people and I love working with athletes and the sports industry. I want to work for a football team. I wanted a course which integrated physical education and biology and physiotherapy was the best of both worlds.

How is the hostel life and what do you miss back home in Mozambique?

The hostel life is good, I have my friends around me and living alone is fun and I'm happy. I miss the people, culture and the food. The people there are more friendly and open and I miss that the most.



HOSTEL LIFE EXPERIENCE



As any first-year student, who has always been under the wings of her parents, it was a nightmare for me to start living in the dorms. I knew this was going to be hard and that I would have to adjust and make changes in my life from that day onwards. The initial few weeks were difficult for me but eventually I got used to it and learnt many important life lessons! The first one - being a more independent and confident person. Now I know how to stand on my own feet and make decisions with my family's support and care.

I would say that my hostel life is amazing, and it is more than I could ever ask for. I have got such wonderful friends and roommates, and of course our wardens and securities are not to be forgotten. Living away from your family will still always seem quite hard though. You will miss every bit of the time you spent with them and you start realizing the value of all the small matters you thought were not important before. After all, you learn to live a life of your own and mould yourself for the better or worse.

I have completed 2 years and now I'm in my third year (look how quickly time flies by!), but not a day goes by when I don't think about my parents. Today they are proud of what I have become as an individual.

Fathimathul Zumra Anwar (2017 M007)



9th December 2019 - Team MUL with ADPCS students preparing them for Life@Lubin, Poland

19th-20th January 2020 - BBMS students participated in the PanArab Genetics Conference accompanied by Dr. Preetha Shetty and Dr. Sonam Kapoor



21st 2020- Andrew Stein, Medical student of University of Wisconsin, USA; gave a talk on "A US medical student's experience January and USMLE preparation" (Career Advising Session)





Nov 22nd - Hatta Kayaking Trip

10th December 2019- GMU felicitated for participation in “Go Red 4 Women Campaign” during American Heart Association Annual Award Ceremony



Cultural and educational tour to Spain 2020



On the 18th and 19th of November seminar series were held by Yenepoya university on the following topics:

“Approach to acute undifferentiated fever with focus on Re-emerging infections”

“TB and Nutrition: Back to the Basics”

“Functional proteomic approaches for the Discovery of actionable molecules in human diseases

“Urine Microbiome in Kidney Stone disease”.

NOBEL PRIZE IN PHYSIOLOGY OR MEDICINE 2019

By: Zohra N. Nizami (2016BM01)

In Semester VII we (BBMS) had a course called Journal Club where every week two students select a scientific article and present it in front of their peers and faculty. For my second article I chose the Scientific Background for the Nobel Prize in Physiology William G. Kaelin, Sir Peter J. Ratcliffe and Gregg L. Semenza or Medicine for 2019 which had only just been announced. were awarded the Nobel Prize for their work that contributed to understanding the mechanism behind how cells sense and adapt to oxygen availability.

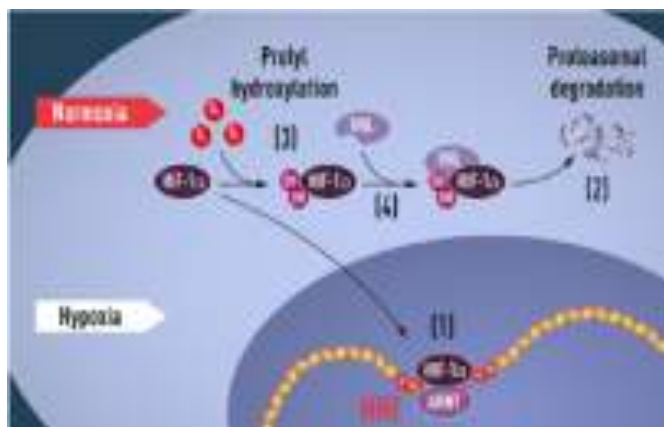
To give a brief about their work, by the start of the 20th century the enzymatic basis of respiration was known and by 1980s, we knew that changes at the level of gene transcription were responsible for adaptive responses to oxygen. However the regulatory mechanism behind To give a brief about their work, by the start of the 20th century the enzymatic basis of respiration was known and by 1980s, we knew that changes at the level of gene transcription were responsible for adaptive responses to oxygen. However the regulatory mechanism behind



this was not clear. In the early 1990s, research led by Gregg Semenza led to the identification of a regulatory element in the Erythropoietin gene that was oxygen responsive, Hypoxia Response Element. This then led to the identification of a transcription factor, Hypoxia Inducible Factor (HIF), a dimer of which one moiety was oxygen-sensitive, HIF-1.

During the same time frame, William Kaelin's group was studying VHL (von Hippel-Lindau tumor suppressor) gene and found an association between HIF target genes and VHL. Following which both Sir Peter Ratcliffe and William Kaelin demonstrated that VHL post transcriptionally degraded HIF-1 in an oxygen dependent manner; presence of oxygen resulted in hydroxylation of residues on HIF-1 allowing VHL binding and subsequent degradation.

To put it quite simply, preparing for the presentation was a ride. Not only did I have to go through numerous research articles that covered over a decade of research by these three groups, I had to understand them and then I had the daunting task of compressing it into a half hour session which addressing an admixture of an audience; students, professors and research scientists. But the experience was worth it – learning the theory behind numerous techniques, insight into how research spans out and most importantly, confidence in discussing science.



15th January - GMU Seminar series: "Back to Nature: UAE Plants-Based Products as Promising Drugs against Multi-Drugs Resistant microbes."





16th December – Clinical research forum participation by the faculty

27th December - GMU college of pharmacy advocacy contributes to the addition of new mesh term “evidence-based pharmacy practice”



15th and 22nd January 2020- Research methodology workshop by Prof. Jayadevan for clinical faculty.



Health care Management and Economics

By: Fatima Leila(2018bm16)

Health care management and economics is a specialized program that was introduced at GMU in 2019, to provide quality education and skill to students who aim to be part of the large and growing health industry in the gulf region.

It offers a unique program that entails a well-rounded system of education, research and training. In addition to its four-year Bachelor of Science in Healthcare Management and Economics, the college also provides a three semester Executives Master's program in the same field.

INTERVIEW

Maram Al Zaghab

(First year - Healthcare management and economics, Event coordinator and class representative)

1. Can you explain to me briefly what your program is about?

"Healthcare management and economics is a combination of basic medicine and detailed business with small portions of accounting where students learn about effective ways to manage a business within the healthcare industry."

2. Why do you think it's important to learn about healthcare management and economics today?

"Firstly, it is a unique major which we lack in the UAE. In addition, nowadays its important to know how to manage hospitals as they are priority businesses that need to be managed correctly as it is a matter of life and death, especially in emergency departments. After all, nothing is more important than a person's health."

3. Why have you chosen to pursue this program and what made you choose GMU as the university to study it in?

"I studied business and biology in A level, therefore, this major was the perfect combination for me and GMU is the only university in UAE which has healthcare management and economics combined in one major."

4. How did you find out that GMU was offering this course?

"Through word of mouth. My uncle told me about it, it was a coincidence as I was supposed to study medicine abroad."

5. What is the next step after you complete this degree?

"After graduating, I am going to pursue my masters and hopefully work in one of the Thumbay hospitals."



6. Can you tell us a little about job opportunities in the field of healthcare management and economics in the UAE?

"The job opportunities are massive. There's medical manager/director, health and social service manager, hospital COO, pharmaceutical project manager and much more. The interesting part is that graduates can work in bank related industries as well since the program has detailed economics and accounting courses."

7. Lastly, what are your thoughts on the program?

"So far, it's going great. It is easy to follow and it feels a little strange being the first batch because it is not only new to you but also to the faculty. Nevertheless, the faculty does their best in helping us by making it easier on us. As class representative, I try my best to help my colleagues with any issues, whether they are simple or complicated."



INTERVIEW

Sandra Chidimma Chijieze 2016ns05

(4th year nursing student)

1. What program are you doing?

I am studying NURSING

2. What do you find most interesting about your about your field of study?

The most interesting thing about my field of study is that; it's the only medical profession that gives you the opportunity to understand the true feelings and condition of a patient outside their medical illness. As a nurse we dedicate 24/7 hours of care to any patient under our care. We provide holistic care to our patients and not just their medical illness alone. We advocate, educate, counsel and many more.

3. Why specifically did you choose this program?

I was influenced by my mother and my lovely sister (Judith) who believed so much in me and felt it was a good profession for me and I think they are 100% correct.

4. Why do you feel it is important to study?

It's important to study nursing because it's a profession that gives you an avenue to care for a patient in sickness



and in health if you are looking for one. More so, it earns a living for you.

5. what do you hope to accomplish in the future (what impact do you wish to make)?

The impact I want to create in nursing industry is to lift and uphold the image of nurses. It has been devalued for ages now much more than they deserve. They are the backbone of healthcare industry and should be one of the highly respected professions in the world of today.

WORKSHOP ON EVIDENCE BASED MEDICINE

By: Yasser Ali Zakari

(2017ph31).

From 22nd-25th December 2019, Dr. Kameshwar Prasad and Dr. Manya Prasad conducted workshop sessions on 'Evidence Based Medicine' at GMU.

Dr. Kameshwar Prasad is an Indian neurologist, medical researcher, academic and the head of the Department of Neurology at the All India Institute of Medical Sciences, Delhi, known as a proponent of Evidence-based medicine and Evidence-based Healthcare. He has more than 35 years of clinical, teaching and research experience and has published more than 270 papers (>125 in Stroke) in peer reviewed journals of national and international repute. Dr Manya Prasad Senior Resident at the All India Institute of Medical Sciences, New Delhi.

EBM is a new philosophy of clinical practice and a process of life-long learning, which emphasizes on a systematic and rigorous assessment of evidence for use in decision making in healthcare. Evidence Based Medicine in plain terms means using current best evidence in decision making in medicine along with the expertise of decision makers and the expectations and values of the respective patients. The word 'medicine' in EBM is more commonly associated with Doctor's profession to distinguish EBM from Evidence-Based Nursing (EBN) or Evidence-Based Public Health (EBPH) etc. Some people constrict the connotation of the word 'medicine' in EBM to internal medicine again to differentiate between Evidence-Based Dentistry and Evidence-Based surgery. It is important to understand the meaning behind the use of the word 'medicine' in EBM. The workshop entailed informing the students of GMU on what EBM was, How to employ its use, what is involved in EBM and its importance which is very relevant to the medical profession today. Some of the topics discussed were:



- “How to formulate a clinical question specifying the informational need”
- “Introduction to critical appraisal of therapy paper”
- “Critical appraisal of meta-analysis and discussion on that”
- “Evidence based guidelines using GRADE”

The workshop was very innovative and interesting. Those who attended these interactive sessions gained inspiration, gained new skills and it will definitely prove to be increasingly relevant to the GMU students moving forward.



SPORTS AND MEDICINE



By: Sarah Joseph Sanjay and Sumaiyya Abdulkadir Saleh

Sports plays a huge role here at GMU, as many students actively like to participate in tournaments competitions etc and join the team as part of an extra circular activity. Taking part in sports is important for students as it will reduce stress and enhance their mood. It helps in building up muscles, increases fitness, helps them socialize, improve their cooperation skills, boosts their self-confidence and lowers the risk of getting obese. So when it comes to improving performance, most students in our university jump to put in more reps, adding on more miles or getting in more protein. While there are substantial resources and theories on how to boost athletic performance, the most reliable resource is the science of

sports medicine. Any sports played competitively causes injuries. Learning on how to better take of your injuries will help you improve your performance by leaps and bounds. The sports that are offered in our university are:- basketball, football, volleyball, cricket, badminton, lawn tennis etc. Our university also holds an annual sports festival which many students are always looking forward to participating or volunteering as it is one of the biggest events of our university where different sports teams at GMU compete against other teams from different universities and at the end they have an awards ceremony to honour the achievements and active participation of the teams/students. About a few weeks ago, GMU Girls' basketball team badges the first prize and won the basketball tournament held at RAKHMSU. Many Congratulations to the team!



GUEST TALK HELD BY DR. RAMZY ROSS ON 'A DRUG TO END ALL DRUGS'

Dr. Ramzy Ross is currently in a leadership as a head of strategy and also holds the position of head of high performance and health science. He plays a key leadership role in creating growth strategies that drives continuous success alongside ensuring the ongoing, effective incorporation of health and high performance, related innovation and practices. He is an appointed member of UAE national Olympic medical and scientific committee, a guest lecture at globally leading academic institutions as well as an adviser to an exciting New York based health tech entity.

He recently visited our university and gave a lecture titled- 'A drug to end all drugs' — basically implying that this ideal and amazing drug is none other than 'exercise' and he went on to about how it can drastically reduce the risks and incidence of many chronic diseases such as CVD, diabetes, obesity etc. It was informative, motivational and interesting. Both students and faculty really enjoyed the session.



COMMERCIALIZATION OF THE HEALTHCARE INDUSTRY

Edited by Engila Khan (2017bm12)

In this section, we open a dialogue on the issue of healthcare commercialization. Our writers here bring to you various angles with which this issue can be looked at, whether it's from the biomedicine point of view, dentistry, pharmacy, etc. Both the positives and negatives of commercialization are discussed. Keeping in mind the fact that one day all of us will be joining the health/ medical setting someday, it's important to be aware of these issues from now and strive towards a common healthcare goal that strikes the right balance and ensures equal and easy accessibility to good medical/health services for all.

The relationship between a physician and a patient is one of trust, where the patient solely depends on and abides by the doctor's advice. While the doctor's final decision is based in the best interests of the patient, we see this being hindered at times, with the commercialization of the healthcare industry, and more focus on the profit-making aspect. I feel that healthcare, that is always seen as a system of necessity is gradually turning into one of luxury in many parts of the world- where let's say a lower middle class person (who struggles for days on end to make his basic needs met) is unable to afford medical procedures due to either exorbitant fees, unnecessary extra tests, etc."

Sarah Sanjay Joseph (2018pt20)



“HealthCare is one crucial field where casualness or any sort of nonchalance attitude is unacceptable. Unfortunately, the world today is poised with scars of corruption even in this sanctuary field. In many developing countries, problems like corruption, lethargic attitude towards patient and poor infrastructure and equipment caused due to government/ social and political issues always end up in providing least healthcare for the patients. This encourages commercialization to play an important role- opening up the sector to private players, who, by virtue of their existence, would try to exploit and make best profit out of their business. From my point of view, I feel that this ‘commercialization’ can get dangerous with many adverse consequences such as the possible lack of emotion/ connection with patients among upcoming doctors who might be driven to this field only for monetary gain”

Sumaiya Abdulkadir Saleh (2018pt44)

MEDICAL RESEARCH AND THE HEALTHCARE INDUSTRY

“The healthcare industry encourages their medical researchers to rely heavily on commercialization in order to thrive. For example, the commercialization of new biomedical inventions may contribute to increased public healthcare costs, while doing little to prevent the disease and actually promote healthcare in the general population. Many may argue that there is not much evidence that commercialization has led to an improvement in public health, and that the claims of new innovations are not enough to prove that commercialization of medical research is actually a benefit to the public overall. In my opinion I think that the main priority of medical research funding should always be to promote public and individual health and to reduce inequities, rather than to support perceived potential for commercialization.”

Vaneezeh Khamisani (2018bm15)

“Better technology, infrastructure and facilities do sound attractive to the consumer especially when it’s an individual’s well- being that is at risk. However, most of these services come at a price that the common man cannot afford. It is unfair that those who cannot pay a premium and lack an adequate insurance plan will not be eligible for good healthcare. The basic ideology behind commercialization is not one that can be applied to the healthcare sector as healthcare is a right, not a privilege.

” Fatima Leila (2018bm16)

“IS DENTISTRY A BUSINESS OR A PROFESSION?”

This question has been debated amongst many colleagues and argued over in many forums around the world. There is no doubt that the demand for dental services has increased exponentially in recent years. People want their teeth to be sparkling white from a distance, some people want their smiles to resemble their favorite celebrities on TV, and others simply want to feel more confident about themselves.

In the US, the cosmetic dentistry industry is making approximately 4 billion dollars total in revenue with an annual growth of 2.5% since 2013. There has been a progressive increase in demand for veneers, whitening, bonding, inlays and onlays and especially implants. A study published in June 2019 that assessed the funding of research in implant dentistry, revealed that there has been a general increase in funding in the recent years due to heightened development in the production and commercialization of implants leading to major economic changes. In fact, Some clinics provide complete smile makeover consisting of orthodontic work, gum surgeries like laser treatment re-shaping, veneers etc. for as much as forty thousand pounds.



Other companies have also taken advantage of this increase in demand for dental work to make money. Mintel research reported that there has been a 77% increase in sales of mouthwash, generally people can spend up to 158m pounds on mouthwash every year, and 8 million on toothpaste. There are also dental water-jets which serve as a substitute to traditional flossing and efficient in removing dirt from teeth.

In conclusion, there has always been a relationship between business and dentistry. But with increase in demand for cosmetic work and increased awareness for dental health, this has presented an opportunity for commercialization of the profession.

Fatima Aliyu Saidu (2017d062)

LOOKING AT THE UPSIDES

“The past 70 years have seen a revolutionary transformation of healthcare as a whole, such that it no longer seeks to cater to the average individual’s needs but rather for the most part sees the collective population as a huge dollar bill sign. Commercialization has brought about production of drugs on a very large scale therefore making it accessible to people of the world, especially in developing countries. In India, between the years of 1997 to 2004 there were 120 000 cholera deaths every year. Now because of the increased accessibility to medicine, the number has decreased by around 24% in 2017. According to the WHO, 90% of the worlds cholera cases have been cured and prevented with ORS and oral vaccines since 2016.

Commercialization has brought about drug advertisement on a magnitude never before seen, this has proven to be an advantage to the consumer. In the mid 1980s in the US, HIV accounted for 150 000 deaths every year however, in 2017 that number dropped to roughly 38 000. Between 2000 and 2009 the rate at which people contracted HIV reduced by 41% this was mainly due to enlightenment. One of the government’s main strategies on tackling it was spreading information on the multiple ways the disease could be acquired and how to best manage it, treat it and not spread it.

Commercialization has numerous upsides but like many things it also has its downside, however none particularly outweighs the other, I believe it just depends on the needs of the specific consumer. Which is why I believe big pharmaceutical companies and healthcare related institutions need to go back to catering to the individuals needs and not generalizing it.”

Yasser Ali Zakari (2017ph31)



MEET
THE TEAM

MEET
THE TEAM

MEET THE TEAM

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