Study Telemedicine at the University of Health Sciences Lahore

This introductory part-time distance learning course has been designed to introduce a forthcoming University Certificate Qualification in Telemedicine equivalent to 3 University Credits.

According to the World Health Organisation

> *"Telehealth involves the use of telecommunications and virtual technology to deliver health care outside of traditional health-care facilities. Telehealth, which requires access only to telecommunications, is the most basic element of "eHealth," which uses a wider range of information and communication technologies (ICTs).*
>
> *Telehealth examples include virtual home health care, where patients such as the chronically ill or the elderly may receive guidance in certain procedures while remaining at home. Telehealth has also made it easier for health care workers in remote field settings to obtain guidance from professionals elsewhere in diagnosis, care and referral of patients. Training can sometimes also be delivered via telehealth schemes or with related technologies such as eHealth, which make use of small computers and internet.*

The Course – Introduction to Telemedicine

Aim

The course comprises of 8 Online-lectures to introduce the applications of Telemedicine in day to day care delivery and takes the students through the principles equalizing physician density using remote care technology of Telemedicine.

A touching introduction of user interface, software design, interoperability, hardware incorporation etc of Telemedicine are included in the curriculum.

The intended learning objectives are taking the students through various aspects of Telemedicine subject before inviting them to a formal degree module course which is planned ahead of time following this introductory course, for which CME hours shall be allocated.

8 Online Lectures

Mr Ned Thurman – USA	**09 May 9:30 pm**	**Saturday**

Introduction of Telemedicine – Functional Types of Telemedicine
Software & Hardware requirements – Logistic setup requirements
Practical steps for setting up a Telemedicine practice?

Prof Dr Suhail Chughtai – UK	**10 May 9:30 pm**	**Sunday**
Dr Sohaib Javed – Pak (Co-instructor)		

Clinical Types of Telemedicine
Basic Elements of a Telemedicine Software
Advanced Elements of a Telemedicine Software

Prof Dr Bilal Ahmed – USA	**16 May 9:30 pm**	**Saturday**

Applications of Telemedicine in day to day medical practice
Impact of Telemedicine on Healthcare Economy
Entrepreneurship in Telemedicine practice

Prof Dr Suhail Chughtai – UK	**17 May 9:30 pm**	**Sunday**
Dr Ali Syed – Pak (Co-instructor)		

Medical Tele-consultations: Benefits & Limits - Flow of the process
Techniques of engaging a patient over Virtual Consultation
Comparing a Physical Consultation vs Virtual Consultation
Visual vs Physical Examination – Tele-clinician's mannerism

Prof Angus Wallace – UK	**30 May 9:30 pm**	**Saturday**

Telemedicine based Employee Healthcare
Telemedicine for Medical Research
Medical Board Formation via Telemedicine Software

Prof Dr Suhail Chughtai – UK	**31 May 9:30 pm**	**Sunday**
Dr Salman Shafi – Pak (Co-instructor)		

How to build patient's Electronic Medical Record
Using Telemedicine Software as a Practice Management Software
Using Telemedicine Software most effectively to enhance practice
Medico-legal coverage for the doctors – How to fulfil requirements?

Dr Junaid Hassan (UK) - Dr Humayun Baig (Pak)	**06 June 9:30 pm**	**Saturday**

Setting up Specialist Telemedicine Clinics – Tele-physiotherapy & Tele-dentistry
Also, Tele-cardiology – Tele-dermatology – Tele-psychiatry and more

Prof Dr Suhail Chughtai – UK	**07 June 9:30 pm**	**Sunday**
Dr Ahmed Ejaz – Pak (Co-instructor)		

Setting up a Telemedicine Practice - Considerations
How to setup an Assisted Telemedicine Practice ?
How to setup a Direct Telemedicine Practice ?
How to setup a Telemedicine facility of overseas Telemed Practice?
How to setup a Mobile Telemedicine facility ?

Intended	* Types and Forms of Telemedicine
Learning	* Basic Elements of a Telemedicine Software
Outcomes	* Limits and Strengths of Telemedicine
	* Navigational flow of a Teleconsultation
	* Incorporation & Impact on Healthcare System

Who	* Fresh MBBS Graduates, 4th and Final year MBBS Students
should	* Post-graduate Doctors & General Practitioners
attend	* Physiotherapists, Pharmacists, Psychologists, Speech Therapists
	* Dentists and Oral Hygienists, PhD in Science subjects

The	
Structure	* 2 hours per week as minimum tuition (2 sessions/week)
	* Mode of Lecture Delivery: e-Classroom of Medical Grade Teaching

Course Faculty	2 lectures/weekend (4 weeks course) = 8 lectures
& Schedule	1 Lecture = 1 hour including replying to audience questions

FOREIGN FACULTY

Course Director:	**Prof Dr Suhail Chughtai** FRCS
	Orthopaedic Surgeon, Medico legal Examiner, UK
	Microsoft Certified Specialist – Founder of Medical City
	Online, Telehealth and Medical IT instructor since 2000

Associate Director:	**Prof Dr Angus Wallace** FRCS
	Former Professor of Orthopaedics and Head of Healthcare 1
	Informatics, RCS Edinburgh, Director Faculty of Clinical
	Informatics, UK, Medical Advisor to Medical City Online UK

Academic Advisor:	**Prof Dr Bilal Ahmad** MD
	Prof of Medicine, Rochester School of Medicine, NY, USA
	Chief Medical Office, Medical City Online

Technical Advisor:	**Mr Ned Thurman**
	Chairman, Telehealth Solutions, Atlanta, USA
	Chief Technology Officer, Medical City Online

Speciality Advisor:	**Dr Junaid Hassan** MSc Physio UK
	Tele-physiotherapy Co.Instructor

REGIONAL FACULTY from Pakistan - Telemedicine Co.Instructors

Dr Humayun Taimur Baig, Forensic Odontologist

Dr Sohaib Javed – Dentist

Dr Syed Ali – Pathologist

Dr Salman Shafi – Assistant Professor

Dr Ahmed Ejaz – Post-graduate Medical Trainee

Schedule - 4 weeks Telemedicine Course – Times/dates (PK Times)

1st week
09 May 9:30 pm   Saturday
10 May 9:30 pm   Sunday

2nd week
16 May 9:30 pm   Saturday
17 May 9:30 pm   Sunday

3rd week
30 May 9:30 pm   Saturday
31 May 9:30 pm   Sunday

4th week
6 June 9:30 pm   Saturday
7 June 9:30 pm   Sunday