www.MedicalCity.online

Healthcare over Internet

Offering e-Healthcare Services for Medical Professionals
- Virtual Clinics & Telehealth - Smart Gadgets integration
- Live & Interactive Medical Webinars with multiple Presenters facility
- Online Medical Meetings & Peer to Peer Case Projection for instant advice
- Live Tele-supervision of operative procedures from distance for training & patient safety
- Live Tele-Reporting of Radiographs, MRI, CT Scans either during scanning or subsequently

Range of Healthcare Services by

Medical City Online

Live Medical Webinars

Do Live Webinars & Stream Medical Conferences for eCPD and Interactive training

Read More

Medical Teleconsultations

Setup Web Clinics, carry out Live Medical Teleconsultations beyond your local clinic

Read More

Online Medical Meetings

Video Conferencing for Medical Professionals designed for case discussion with document sharing

Read More

Live Tele-radiology

Distance based Tele-radiology service with facility to report live during scanning process

Read More

Live Tele-supervision

Surgical procedures to have Live Tele-supervision from outside theatre to enhance patient safety

Read More

Medical City Online Services

Medical City Online

Medical City Online is designed and managed by Web Broadcasting Services. Their team of experienced medical professionals and software developers dedicated to the medical software industry, aiming at providing innovative Live Video embedded solutions.

The projects are designed by experienced medical professionals who have IT background as well before handing over to a team of web developers. The software development is monitored by the medical professionals at all stages to ensure it is conformity to the origianl concept and merging within the environment of medical practice.

Our focus is to develop simplified medical software solutions, yet powerful enough to meet the requirements of e-healthcare.

Medical City Online

A project by Medical Division of Web Broadcasting Services

Dr Suhail Chughtai FRCS
Founder & Director
Lead Medical Software Designer
Incharge Clinical Adaptation of Software

An Orthopaedic Surgeon, a Medico-legal Examiner, a Microsoft Certified Specialist based in London, UK.

Dr Chughtai is a fellow of Royal College of Physicians & Surgeons, Glasgow, UK since 1993 and has over 20 years of experience in Orthopaedics & Trauma in the capacity of a consultant.

Dr Chughtai, an international Medical IT speaker and instructor, has deeply involved roles in both Medical field as a clinician and Software development as a designer.

Being a Microsoft Certified Specialist since 2001, has instructed over 50 Medical IT courses .

Dr Chughtai has designed over 12 Medical IT projects including the whole range of Software Services detailed on this website here.

His strength is an innovative approach to designing software solutions for Medical industry while keeping the user interface simple enough for medical professionals for keeping the learning curve short saving time for them.

He serves as a bridge between Medical & Software development industries, thus preventing any loss of originality of the idea in translation while a medical project is designed.

Dr Chughtai has particular interest and experience in developing Live-Video embedded Online Portals for Training and Consultancy for industries other than medical thus widening his vision and expertise.

Ms Egle Joel
Business Development Manager

Being in the environment of Professional Healthcare Business Development for over 10 years, with added advantage of having powerful communication skills, Egle aspires to take the project of Medical City Online to reach it's intended targets.

Skilled Web & App developers including Live Video Embedding Specialists

The Web Development team of Web Broadcasting Services has highly experienced Industry specific Software Engineers and Designers who are motivated to create websites with visual flair that are user-friendly and built in compliance with the best-practice web standards.

Particular emphasis is placed on keeping web page design professional, simple, easy to navigate and quick to download. The design is researched and created to appeal the browser's attention.

Our software team is qualified to provide technology consulting and business analysis to QA, application maintenance and solution integration.

Our integrated service line underpins our thorough understanding of needs of Virtual Healthcare and Medical Training.

We are fully equipped to create solutions for an improved business efficiency, increased ROI cost-effectiveness, risk mitigation along with transparency and predictability.

Our multi-disciplinary software developers, time-proven processes, tools and techniques bring the highest level of quality to our growing range of services.

Meticulous monitoring by a project manager at all stages from the conception of an idea till its' deployment of the finished web product adds to our quality control.

We are highly flexible to meet the needs of medical professionals looking for software solutions in the demanding healthcare industry. Some attributes of our developers:

- Technology Consulting
- Software Prototyping
- Custom Software Development
- Enterprise Application Integration
- Application Security
- Virtualization Management
- Software QA and Testing
- Maintenance and Support

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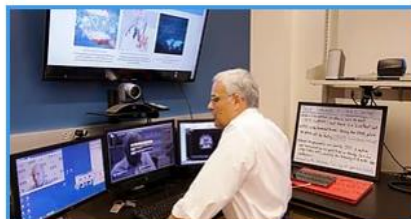

Medical Webinars

Creating Medical Webinars is made simple while adding relevant tools for an engaging environment for Professional Medical Training, Coaching & Live Broadcasting of Medical ...... more

Medical Teleconsultations

Virtual Clinics enriched with engaging tools for an interactive medical Tele consultation over two way live video alongside shared screen for medical records review on the fly .... more

Medical Meetings

Simple to use online live video portal for Medical Case Discussions, Admin Meetings, one to one mentoring or confidential appraisal with added facility of document sharing between up to 24 participants ..... more

Live Tele-Radiology

The idea is to facilitate Live Radiology Reporting over Internet connected PC during the scanning process. Radiologist can even guide the radiology technician in the scanning room to adjust the imagery for optimum results .... more

Live Surgery Telesupervision

Tele-supervise a live surgical procedure to enhance safety of patient and help improve quality of surgical training. A senior surgeon is available to view a surgical procedure live, give instructions in real time from anywhere in the world .... more

Engaging Medical Consultations over Internet

Principle underpinning our Telemedicine Software

An experienced clinician can reach a safe range of diagnosis by:

1. History via Live two-way Video
2. Medical Records review over the internet
3. Visual Examination via Live two-way Video

Features of our Telemedicine Software

- Live Two Way Video Windows where the patient and doctor can see and hear each other with clarity
- Shared-screen where all uploaded medical records of the patient can be viewed by the doctor in a secure environment (internet encryption provided)
- Patients can upload images, scanned pdf files from PC or Smart Mobile phones for the doctor after taking appointment (searching through registered specialists available)
- Doctor can suggest range of medications, medical tests or investigations, operative procedures, etc. from the preloaded extensive database
- Patient education related diagrams available to enhance understanding of the patient
- Summary letter for Inter-specialist referral available
- Teleconsultations can be video recorded
- Drawing tools to mark, highlight certain parts of ECGs, CT, MRI scans for doctor to educate the patients
- Patients can upload short videos to share some conditions, such as a limping child
- A second doctor can be involved in a Live Consultation (Short Medical Board for a group discussion, such as Neurologist and a Neuro-surgeon examining a patient together)
- Auto-summary of the Teleconsultation available at the end, no dictation is required as all steps during consultation are included
- Medical prescription can be emailed or downloaded for printing
- Invoice can be emailed or downloaded for printing
- Various reports can be generated, both to reflect admin or clinical parameters such as how many patients seen under 30 years of age in a particular clinic or what was the commonest presenting symptoms in a particular geographical area or what was the commonest diagnosis for a particular age group in a geographical area etc.
- Complete archival of all consultations & documentation
- Create-an-assistant facility

- Transmission delay less than 0.5 second
- Nothing to download for doctors or patients
- Basic Internet capability with o.5 megabyte /second upload speed needed
- All files saved in safe, encrypted location
- Website security compliant with the regulations

<mark>**Three Functional Models**</mark>

Direct Patient to Doctor Registration – No Assistant involved
- Patients can search for a specialist and book an appointment to do a teleconsultation directly from home.
- Patients upload their records themselves by simply attaching files or using mobile device camera to upload them straight to their folder before or during the teleconsultation.
- There is no physical visit needed for this model.
- There is no Assistant attached to the Medical Specialist

Doctor Centric - Assistant registers Patient under Doctor's name
- Patients are registered by the doctor's assistant over phone or in person
- Patients are registered under the name of the Specialist.
- Assistant can facilitate the process of uploading medical records by guidance over phone or can offer support of varying levels such as scanning service etc
- Assistant has an office only for admin, payments etc only for those who need assistance in person.
- Assistant to pass on the login info to the patient with guidance on how to connect
- Doctor and the Patient connect online from their computers using a basic laptop/PC, webcam or a smart phone/tablet

Clinic Centric - Assistant registers Patient under Clinic's name
- Patients are registered by the Clinic's assistant over phone or in person
- Patients are registered under the name of the Clinic
- Assistant can facilitate the process of uploading medical records by guidance over phone or can offer support of varying levels such as scanning service etc
- Assistant's location is called as a Telemedicine Clinic as not only admin but Teleconsultations take place. There can be multiple Assistants in different capacities such as Receptionist, Data Clerk, Nurse etc.
- Assistant to pass on the login info to the patient if he/she is confident to do the follow up from home
- Do the direct online consultation from home using a basic laptop/PC, webcam

Medical City Online branded platform
You can have your own digital space at "Medical City Online" platform with limited co. branding options.
Full features are offered to the subscribed account holders with costs based on number of user licences taken.

White labelled Platform with customization
Full featured platform is re-branded including home page, header and footer with logo display throughout at a custom domain name.
The costs include one off branding fee plus consumption based recurring charges.

Project introduction website
www.MedicalCity.online

Interactive Multi-presenter Live Medical Webinars

About our Medical Webinars platform:

It's a cloud based application with nothing to download. Its strength lies in being a unified online medical education system seamlessly embedding standalone services in an easy to use unified layout:

- Web TV
- Webinar
- Video Conferencing

Creating a Webinar functionality

- Multiple Live Video Inputs (Up to 6 simultaneous presenters)
- Show PowerPoint Slides, Images or pdf files while being in Live Presenter window
- Screen sharing of your desktop
- Upload pre-recorded videos
- Have a choice of over 12 pre-set Presentation Templates with various combinations of input options

Editing, Sharing or Restricting your Webinars

- Edit your existing Webinars
- Share your webinars via Social media or email
- Restrict your webinars via Password
- Limit who can join via a registration link

Presenter's interaction with the online audience

- Take Questions via Q.box (raise hand button for discrete question)
- Open Chat box (for public conversation between online viewers)
- Take Questions via Instant Audio or Video message
- Upload document as a reference for your viewers to download
- Receive a question or feedback via email

Power features

- Projector view for Presenters doing Live Training for both audience in a classroom and over the Internet
- Discrete, limited group coaching (up to 6 participants)
- Password restriction if needed
- Publish your rolling feed of Tweets straight to your personalized Medical Web Channel
- Record your Live Shows
- Capture user information through a compulsory form

- Recordings can be searched by their title or description
- Videos & Still Images can be placed side by side in a broadcast
- Email capture of the visitors can be enabled.
- Visitors can rate your broadcast
- Viewer counter facility (optional turn on/off facility)
- Viewers can leave an audio or video message for you

Three Functional Models

- Standard - Above features including multi-presenter facility up to 6 simultaneous presenters
- Pro 200 - Standard + Presenter control to bring any online viewer (from a group of 50, 125 or 200 registered Participants) into Live Video room for an instant question & answer session
- Campus - Standard + additional module of Virtual Medical Campus included where Medical Presenters register and be searched by organizations looking their online training services

Two Business Models (for each of the functional models)

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About Medical Meeting Software
This is a cloud-based (nothing to download) application for medical professionals and Healthcare workers to connect with each other for variety of scenarios such as:

- Case discussion in the form of medical board
- Admin meetings to include those who cannot physically join
- Job Interviews
- Performance Appraisals

Features

- Extremely low latency HD Video communication (two-way)
- Low Internet bandwidth demand (o.5 MB/sec upload speed only)
- Up to 24 Video participants at one time with click-to-enlarge video window facility
- Participants can be Co-Presenter, known contact or a visiting video guest (increasing permissions/rights during the meeting)
- Upload PowerPoint Slides, pdf files or Images
- Screen share facility
- Multi-colour drawing tool
- Video Recording of the Meeting
- Admin control of Audio or Video of the participants
- Large screen projection view available
- Make Contacts and connect online contacts instantly
- Messaging service between online and offline contacts
- Video recording of the meeting
- Video frame freeze facility with subsequent downloading

Two Business Models

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Supervising a Surgical Procedure from distance

About Live Tele-supervision Software
Our cloud-based (nothing to download) software to Tele-supervise a live surgical procedure is designed to enhance safety of the patient and help improve quality of surgical training.

A senior surgeon is available to view a surgical procedure live, give instructions in real time from anywhere in the world from a connected PC or mobile device.

Monitor based or open operative field procedures
Both monitor dependent procedures (Arthroscopies, Endoscopies, Angioplasties) and open operative surgical operations can be supervised through our platform.

Loop of Live Video Communication
- Monitor used for Arthroscopy, Endoscopy or Angioplasty
- The operating surgeon
- The supervising surgeon
- Classroom or group of Students
- Additional Video Window (another observing surgeon)

Features
- Extremely low latency HD Video communication (two-way)
- Low demand Internet bandwidth (o.5 MB/sec upload speed only)
- Upload PowerPoint Slides, pdf files or Images
- Screen share facility
- Supervising Surgeon can "Capture and Display a video frame"
- Supervising Surgeon can draw on captured frame to teach
- Video Recording of the procedure and training session
- Admin control of Audio or Video of the participants
- Large screen projection view available
- Operative notes - text or voice-type
- Medical Case files - one button access to participants

Two Business Model
Medical City Online branded platform
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Project introduction website
www.MedicalCity.online

About Live Tele-Radiology Software
Our cloud-based (nothing to download) software is designed to facilitate Live Reporting by Radiologists present at a distance from any Internet connected PC.

Reporting during the Scanning - Live Tele Radiology
Radiologist can even guide the radiology technician in the scanning room to adjust the imagery for optimum results during the process of Scanning. It also enables them to adjust the process of scanning as if they were present in the scanning.

Reporting on uploaded Scans or Radiographs - Tele Radiology
Uploaded Radiographs, Scans are viewed and reported by the Radiologists with on-screen marking tool available for elaboration besides text or audio reports.

Loop of Live Video Communication
- Radiology Monitor
- Radiology room technician
- The Radiologist
- Additional Video Window (another radiologist or students)

Features
- Screen zooming and marking facility available
- Voice to text conversation for writing reports
- Extremely low latency HD Video communication (two-way)
- Low demand Internet bandwidth (o.5 MB/sec upload speed only)
- Upload PowerPoint Slides, pdf files or Images
- Screen share facility
- Radiologist can "Capture and Display a still frame"
- Radiologist can draw on captured frame while reporting
- Frame Zooming and enhance image feature
- Voice to text reporting by the Radiologist available
- Video Recording of the procedure and training session

Two Business Models
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Product demo can be arranged via the Local Marketing / Distributors Team or by making an appointment with the Medical City team directly as below:

Visit the website: www.medicalcity.online
Hit the tab named "Setup Business Call"
Choose the day/time slot
Confirm your email address and insert your message before submitting

Home   About us   Medical City Services   Medical City Media   Setup Business Call   Contact us

You may contact us directly and we shall put you in touch with the local marketing team for further business deliberation and engagement

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