



Ministry of Health
Sultanate of Oman



Smart City Platform



الجمعية العُمانية للعلاج الفيزيائي
Oman Physical Therapy Association



Directorate General of
Specialised Medical Care

Medical
Rehabilitation
Services



Live Webinar

Rehabilitation Services VS COVID-19 Pandemic International Perspectives



 Wednesday, 11-11-2020  06:00 PM-09:00 PM (MCT)



Target audience: All Health Care Professionals & Rehabilitation Students

<https://bit.ly/3ehgM9A>



Free Registration



<https://rehabmuscatwebinar.netlify.app/>

Rehabilitation Services Vs COVID-19 Pandemic

International perspectives -Virtual Interactive Live Webinar

The Directorate General for Specialized Medical Care (DGSMC), Ministry of Health considers human resource development as a priority for achieving the health care outcomes and implementing the training integration in various scientific and practical fields. And within the framework of training of health care providers at all levels, the DGSMC represented by the Medical Rehabilitation Department is playing a crucial role in developing the knowledge and skills of rehabilitation professionals. Globally, the pandemic has placed the health systems under great pressure which affected the delivery of health care services. Just like other disciplines, the rehabilitation specialties have been impacted by the pandemic as some services are suspended, delayed, and suffered from a shortage of staffing. The Medical Rehabilitation Department is conducting this webinar conference in collaboration with Smart City Platform and the Oman Physical Therapy Association on the Impact of the COVID-19 pandemic on medical rehabilitation services and to view some of the international experiences on this issue.

This webinar aims to stand in line with Oman vision 2040 in health care system in which one of the objectives is “**Technology-driven medical systems and services, and high-quality preventive and clinical healthcare across all levels.** The webinar will also cover the challenges that health system are facing in delivery of rehabilitation services in different countries and the solutions suggested for overcoming these challenges. The Directorate General of Specialized Medical Care at the Ministry of Health gives special in developing and qualifying health competencies in order to achieve the highest levels of health care quality.

General aims of the webinar:

- Explore the international experiences in management of COVID-19 related issues
- Develop the level of communication with Rehabilitation Professionals from outside the country
- Introduce the audience to solutions on current challenges facing the profession
- Introduction to tele-rehab: current situation and future plan
- Explore the psychological impact of COVID-19 on rehabilitation professionals and service users.

Program Objectives:

At the end of the program the attendees should be able to:

- Obtain the knowledge on the medical rehabilitation international experiences
- Implement strategies to overcome the existing challenges
- Recognize the use of technology toward the development of rehabilitation services
- Understand the psychological approach to face challenges in rehabilitation professions
- Understand and ensure continuation of the services during times of crisis.

Rehabilitation Services Vs COVID-19 Pandemic

International perspectives - Live Webinar

Time	Activity	Speaker
06:00 – 06:20 PM	Inauguration and Welcoming Remark	<i>Mrs. Samiya Al Raisi</i> HOD Medical Rehabilitation Services, DGSMC, Ministry of Health
<i>Session One: The Impact of COVID-19 Pandemic on Rehabilitation Services Challenges & Recommendations</i>		
06:20 – 06:35 PM	Rehabilitation Considerations in the Context of COVID-19; WHO Perspectives	<i>Dr Hala Sakr</i> Regional Advisor, Violence, Injuries & Disabilities, WHO, EMRO <i>Dr Lamia Mahmoud</i> Public Health Specialist, WHO, Oman
06:35 – 06:50 PM	Rehabilitation as part of the clinical management of COVID-19 patients	<i>Dr Wouter De Groote,</i> WHO Consultant, HQ Rehabilitation Programme
06:50 – 07:05 PM	The Experience of Medical Rehabilitation Services During COVID-19 Pandemic In Sultanate of Oman	<i>Dr. Aamir Khamis Al Toubi. PHD,</i> <i>Speech & Language Pathologist</i> H.O.D. Medical Rehabilitation Royal Hospital. Ministry of Health. Oman
07:05 – 07:20 PM	The Impact of COVID-19 Pandemic on Private Rehabilitation Centers 'Greek Experience'	<i>Mr. Chris Koutsos- Grantham</i> Senior Physiotherapist Director, Founder of White Palm Private Physiotherapy Center, Greece
07:20 – 07:35 PM	Physiotherapy for Critically Ill COVID-19 Patients 'Kuwait Experience'	<i>Mrs. Ala'a Al Saeed</i> Senior Specialist Physiotherapist, Al Adnan Hospital, Kuwait
07:35 – 07:50 PM	The Journey of COVID-19 Patients with National Health Services in the United Kingdom	<i>Dr Hassan Shahul</i> Family Physician , primary and secondary settings (NHS), United Kingdome
07:50 – 08:05 PM	Psychological Impact of the Pandemic on Medical Professionals and Patients	<i>Mr. Hashil Al Hatmi</i> Psychologist, Royal Hospital, Sultanate of Oman
08:05 – 08:20 PM	<i>Discussion + Break</i>	

Session Two: Beating the Pandemic: The Battle Strategies

Time	Activity	Speaker
08:20 – 08:35 PM	Telehealth for Pulmonary Rehabilitation "Telerehabilitation "Benefits and Barriers	<i>Dr Abdullah A. Almojaibel RT, PhD</i> Assistant Prof- Respiratory Care Department Imam Abdulrahman Bin Faisal University, KSA
08:35 – 08:50 PM	Level of Involvement of Rehabilitation Team in The Management of Patients with COVID-19 in Hospitals in Oman <i>(Physiotherapy & Speech & Language Therapy Services)</i>	<i>Mr. Nasser Al Sulaimi</i> Senior ICU Physiotherapist Royal Hospital ,Ministry of Health, Oman <i>Ms. Rawan Al Lawati</i> Speech and Language Pathologist Royal Hospital Ministry of Health, Oman
08:50 – 09:05 PM	The Medical Rehabilitation Services Provision During the Pandemic <i>Occupational Therapy and Prosthetics and Orthotics Services</i>	<i>Mrs. P.S.Lakshmi Sarkar</i> Senior Occupational Therapist, Khoula Hospital, Ministry of Health, Oman <i>Mrs .Dhakiya Al Noubi</i> Head, Prothetics and Orthotics Department ,Khoula Hospital Ministry of Health, Oman
<i>Discussion & Closing</i>		



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Live Webinar

Rehabilitation Services

VS

COVID-19 Pandemic

International Perspectives

Wednesday, 11-11-2020 06:00 PM-09:00 PM (MCT)



Dr Hala Sakr
WHO, EMRO



Dr Lamia Mahmoud
WHO, OMAN



Dr Wouter De Groot
WHO, HQ



Dr. Aamir Al Toubi
OMAN



Dr. Shahulhameed Abdulhassan
UK



Mr. Chris Koutsos
Greece



Mrs. Ala'a Al Saeed
Kuwait



Mr. Hashil Al Hatmi
OMAN

Session 1
The Impact of COVID-19 Pandemic on Rehabilitation
Services : Challenges & Recommendations

Session 2
Beating the Pandemic: The Battle Strategies



Dr. Abdullah A. Almojaibel
KSA



Mr. Nasser Al Sulaimi
OMAN



Ms. Rawan Al Lawati
OMAN



Mrs. Dhakiya Al Noubi
OMAN



Mrs. Lakshmi Subhasis
OMAN



Target audience: All Health Care Professionals & Rehabilitation Students



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Session 1 Moderator



Mr Mohammed Al-Shamli
President of the Oman Physical Therapy Association
(OPTA) Physiotherapy Supervisor
Sultan Qaboos University Hospital, Oman

3 National
Speakers

5 International
Speakers

Session 2 Moderator



Mr Mohammed Al-Yahyai
Head, Department of Rehabilitation Services
Nizwa Hospital
Ministry of Health, Oman

4 National
Speakers

1 International
Speakers



Target audience: All Health Care Professionals & Rehabilitation Students

Dr. Aamir Khamis Al-Toubi

Head, Department of Medical Rehabilitation Services
Speech & Language Pathologist
Royal Hospital Ministry of Health Oman



Doctorate of Philosophy in Speech and Language Pathology specialising in swallowing neurophysiology. The University of Canterbury and New Zealand Brain Research Institute.

Bachelor of Speech and Language Therapy with Second Class Honors (Division One) from the University of Canterbury, New Zealand.

The Experience of Medical Rehabilitation Services During COVID-19 Pandemic in Sultanate of Oman

Abstract

As all other countries around the world, Oman was following the progress of COVID-19 since its emergence in Wuhan China by the end of 2019. Due to the rapid spread of the virus and increasing number of cases and mortalities around the world, the World Health Organization (WHO) declared Covid 19 as pandemic in early March 2020. Given the fast progress of the disease Oman has scaled up the preparedness through implementation of multifaceted public health measures. The Ministry of Health in Oman worked very hard to prepare hospitals and health care professionals to face the identified danger of COVID-19. A number of committees were formed to prepare protocols and guidelines to face the virus and multi-disciplinary teams were needed in the management of this virus. Medical Rehabilitation including its all professions (Physiotherapy, Occupational Therapy, Speech-Language Pathology, and Orthotics and Prosthetics) was identified as one of the professions who plays crucial role in the management of patients with COVID-19. This talk will highlight the role of medical rehabilitation professionals in the management of patients with COVID-19 in Oman. The journey of determining the level and timing of involvement, developing and reviewing protocols, challenges, and success stories will be highlighted.

Dr Abdullah A. Almojaibel

Assistant Prof- Respiratory Care Department
President of SSRC
Imam Abdulrahman Bin Faisal University, KSA
College of Applied Medical Science



Doctor of Philosophy in Health and Rehabilitation Sciences, Indiana University, USA.

Master of Science / Health Sciences with concentration in Respiratory Therapy, Georgia State University, USA.

Bachelor of Applied Medical Sciences / Respiratory Care, King Faisal University, KSA.

Telehealth for Pulmonary Rehabilitation "Telerehabilitation" Benefits and Barriers

Abstract

In the 21st century, human interaction is influenced by the advancements in telecommunication technologies. The impact can be obviously seen in many aspects of our daily lives. Health care system is not an exclusion in this case. Telehealth, using telecommunication technologies, is enabling the delivery of health care services to patients in remote areas, and facilitating the exchange of patient's information between healthcare professionals.

This presentation will explore a new method of providing pulmonary rehabilitation services for patients at home "telerehabilitation". The new method uses telehealth to ease the communication between health care providers and patients at home. The use of telehealth to provide pulmonary rehabilitation services is in its infancy, therefore benefits and barriers of telerehabilitation will be discussed in addition to reviewing the clinical outcomes associated with using telerehabilitation for patients with COVID-19.

Mr Chris Koutsos Grantham

Founder, Director & Chief Physiotherapist
of White Palm Clinic (Greece)



BSc (Hons) Physiotherapy, Queen Margaret University, Edinburgh.

University of Warwick. BSc (Hons) Biomedical Sciences

Impact of COVID-19 Pandemic on Private Rehabilitation Centers 'Greek Experience'

Abstract

A lecture exploring the adaptations made & challenges faced while delivering quality private physiotherapy interventions during the COVID-19 pandemic in Athens, Greece.

The lecture will discuss how physiotherapy clinic in northern Athens identified opportunities for the continuous delivery of quality care through 4 phases of the pandemic:

- 1) Early stages
- 2) Lockdown
- 3) Initial post-lockdown period
- 4) Return to new normal/ preparation for future measures phase

Ms. Ala'a Al Saeed

Senior Specialist Physiotherapist
Al Adnan hospital, Kuwait



BSC in Physical therapy graduated from Kuwait University

Physiotherapy for critically ill COVID-19 patients (Kuwait Experience)

Abstract

The lecture will seek to illustrate the experience of a team of physiotherapists with COVID-19 patients since the starting of the pandemic in Kuwait. It will also talk about the guidelines that developed from that experience which was published in Kuwait physical therapy association & World Confederation for Physiotherapy.

The lecture will start with a brief explanation of the pathophysiology and the severity of COVID-19 disease which will help in the understanding of the importance of physiotherapy intervention of patients with COVID-19.

The physiotherapy main goals will be outlined. Questions to be scrutinized in the lecture are: How to screen the patient? What to check? How to analyze the findings? And what are the main clinical indicators for physiotherapy?

Physiotherapy management for patients with COVID-19 will be presented also. Decision making algorithms will be demonstrated by the end of the lecture.

Mr. Nasser Al Sulaimi

Senior Physiotherapist, Royal Hospital,
Ministry of Health, Oman



Physiotherapy BSc (Hons 2013), IHS

Level of Involvement of Rehabilitation Team in The Management of Patients with COVID-19 in Hospitals in Oman (Physiotherapy & Speech & Language Therapy Services)

Abstract

The management of covid19 cases has gone through various steps and implemented at certain stages which started by unclear role of rehabilitation disciplines, as covid19 is considered as an emerging disease. As time goes, the need for Physiotherapy involvement in COVID-19 management pathway has become clearer especially for mechanical ventilated patients. This presentation will highlight the crucial role of physiotherapy service in treating COVID-19 cases, as well as focusing on stages that service implementation went through. The presentation will provide a clear statement of chest care strategies and ambulation principles. In addition to the indication of the physiotherapists as main MDT members collaborating with their colleagues in other health care disciplines.

Ms. Rawan Al Lawati

Speech and Language Pathologist,
Royal Hospital, Ministry of Health ,Oman



*Bachelor of Science in Communication Science and Disorders and Minor Psychology,
Pennsylvania State University*

Level of Involvement of Rehabilitation Team in The Management of Patients with COVID-19 in Hospitals in Oman (Speech & Language Therapy Services)

Abstract

Many seriously ill COVID-19 patients who end up in ICU , and are either placed on ventilators or end up with a tracheostomy. Speech language pathologists provide rehabilitation services for COVID-19 patients to help restore swallowing functions and regain communication skills. We discuss the role of speech language pathologist and services provided to them during their admission in the hospital and the rehabilitation provided post discharge

Mrs . Dhakiya Al Noubi

Head, Prosthetics and Orthotics Department,
Senior Specialist, Prosthetics and Orthotics
Khawla Hospital, Ministry of Health ,Oman



*BSc (Hons) Prosthetics and Orthotics, Strathclyde University
Queen Margret University, Edinburgh*

The Medical Rehabilitation Services Provision During The Pandemic (Prosthetics and Orthotics Services)

Abstract

The presentation will also explain the Prosthetics and Orthotics Service provision during COVID-19 outbreak in Oman. There is a high demand for this service, which is important to be addressed in a timely manner. From the beginning of the pandemic, the Prosthetics and Orthotics Service has not stopped functioning in both out-patient and in-patient clinical settings. Moreover, adaptation has been made to the service for patients who are affected by the lockdown or those in quarantine due to COVID-19.

P.S.Lakshmi Sarkar

SSenior Occupational Therapist,
Khawla Hospital, Ministry of Health,
Oman



Bachelor of Occupational Therapy, National Institute of Rehabilitation Training and Research , Utkal University, India (Recognized by world federation of Occupational Therapists)

*The first and only Certified Sensory Integration Therapist in Oman
Awarded A.I.O.T.A Trophy for Best Paper on the subject “EFFECT OF MUSIC THERAPY ON SCHIZOPHRENICS” in A.I.O.T.A National conference in the year 1999.*

Certified on Sensory Integration and Praxis Testing by Southern California University And Western Psychological Society U.S.A.

The Medical Rehabilitation Services Provision During the Pandemic (Occupational Therapy)

Abstract

The delivery of medical rehabilitation services has been affected by the global pandemic of COVID-19. As a result of the quick spread of COVID-19 most of the rehabilitation services have been suspended or delayed as the rehabilitation professional approaches the direct contact to the service users. Along with all disciplines, the Occupational Therapy and Prosthetic and Orthotic Services have adapted safety measures and clinical patterns to continue high quality services safe provision. The theme of World Occupational Therapy Day 2020 suggests “Reimagine Doing”. The Occupational Therapy Service in the Sultanate of Oman, have been striving through the past 8 months trying to tide over the pandemic which has affected our routine Out and In-Patient services. This talk will highlight the hurdles Occupational Therapy Service faced, the strategies used, and the protocols revised to keep our rehabilitation clients and ourselves safe as well as keeping the service functioning during crisis.

Dr. Shahulhameed Abdulhassan

Senior Family Practitioner (NHS)



*MBBS (AL-AMEEN MEDICAL COLLEGE, INDIA) DRCOG
(RCOG), DFRH (FSRH), DCH(RCPCH), MRCP (GLASGOW)*

The Journey of COVID-19 Patients with National Health Services in the United Kingdom

Abstract

In the United Kingdom, COVID began to spread rapidly like a wildfire from March 2020. During the initial peak, we were dealing with around 1000 deaths per day. With the rise in new cases and deaths (approximately 5000 per day)- NHS was beginning to go under heavy strain in terms of resources. We were also receiving hourly updates regarding any guidelines or protocols by the NHS England. The COVID pandemic caused enormous strain on various other health services such as elective care, maternity care, mental health, cancer, learning disabilities due to allocation of resources in managing acute COVID patients.

At one stage, there was a run out of the ICU beds, it was then decided by the government of UK to build a large hospital in London city, called Nightingale Hospital. This hospital was built within 9 days in the middle of this pandemic by army engineers and had capacity of holding 4000 ICU beds. Similar hospitals were planned to be built across the UK to increase the capacity of ICU beds.

The UK government decided to shut down all business including schools' restaurants, gyms, Airports etc. The first national lockdown was in place for approximately 12 weeks from mid-March 2020. The situation started to improve during the months of August and September, hence government decided to reopen businesses and schools. Currently, there is a rise in COVID cases as UK has approached its second wave, hence there is a second national lockdown which began from 5th November and will last approximately 4 weeks. During this wave approximately 20,000 new cases are seen per day. There are currently 1,146,484 known cases in the UK and 48,475 confirmed deaths.

This presentation will highlight the management of the COVID-19 patients in NHS, UK. The presentation will also include interesting case scenarios and in-depth management of these patients.

Mr. Hashil Al Hatmi

Psychologist, Royal Hospital,
Ministry of Health. Oman



Bachelors of Science (Hons) in Psychology , City University of London

Psychological Impact of the Pandemic on Medical Professionals and Patients

Abstract

Since the outbreak of the coronavirus, humanity is experiencing a new reality marked by grief and loss. Many events, gatherings and travel arrangements have been cancelled and forced people from all around the planet to process this grief both individually and collectively in staying isolated at home, working remotely, studying online, and taking all necessary precautions to remain healthy and far as possible from being at risk of being positive for coronavirus. From the major concerns is the duration of the pandemic and lockdown, will our lives go back to normal? Both medical professionals and patients whether admitted or attending clinics at hospitals have all been emotionally affected by COVID-19. This talk will explain what has occurred since the beginning of the global lockdown to what strategies can be taken to boost the motivation of staff in all industries and maintain healthy psychological wellbeing.

Dr. Wouter De Groote

WHO Consultant, HQ
Rehabilitation Programme



Rehabilitation Considerations in the Context of COVID-19; WHO Perspectives

Abstract

Abstract not available.

Dr Hala Sakr

Regional Advisor, Violence, Injuries &
Disabilities, WHO, EMRO



Rehabilitation Considerations in the Context of COVID-19; WHO Perspectives

Abstract

Abstract not available.

Dr Lamia Mahmoud

Public Health Specialist ,WHO, Oman



Rehabilitation Considerations in the Context of COVID-19; WHO Perspectives

Abstract

Abstract not available.