

# 2023 COLLABORATING FOR BETTER HEALTH: A MULTI-SPECIALTY CONFERENCE 2023MSC Handbook

13-14 August 2023



## Overview

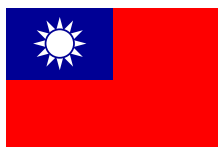
In August of 2023, Taiwan and Somaliland will host a medical conference. Medical professionals from around the country gather at this conference to exchange ideas and discuss recent advancements. Cancer, trauma, hemodialysis, live-donor organ transplants, forensics, otolaryngology, oral and maxillofacial surgery, non-communicable illnesses, the Taiwanese experience with HBV/HCV, and the present situation in Somaliland are just a few of the topics that will be discussed during the conference. We anticipate that by disseminating this knowledge to medical professionals in many public hospitals and private sectors in major cities across Somaliland, we may encourage sharing knowledge and best practices amongst them and eventually enhance patient care.

## Conference Schedule

The conference will take place over two half days in the morning on August 13 and August 14. Our official website can be accessed at URL: <https://shorturl.at/ekDNV> (or by QRcode)



(Please **scan/login** for registration and get **the online PDF** version of this handbook for 2023MSC)



## 2023 COLLABORATING FOR BETTER HEALTH: A MULTI-SPECIALTY CONFERENCE

TAIPEI MUNICIPAL WANFANG HOSPITAL VERSUS HARGEISA GROUP HOSPITAL  
ON AUGUST 13-14, 2023, AT 09:00 AM, SUNDAY-MONDAY  
VENUE: CONFERENCE HALL OF CARRO EDEG HOTEL, HARGEISA

August 13 Topic	Speaker
09:00 Opening	<b>Dr. Ming-Che Lee, M.D., Ph.D.</b> (Deputy Superintendent, TMWH)
09:05 History of Hemodialysis in Somaliland	<b>Dr. Ahmed Wali, M.D.</b> (Director, Hemodialysis Center of HGH)
09:20 Living-Donor Organ Transplantation in Taiwan	<b>Dr. Ming-Che Lee, M.D., Ph.D.</b> (Deputy Superintendent, TMWH)
09:35 Panel Discussion	<b>Dr. Ahmed and Dr. Ming-Che</b>
10:05 The Treatment of Acute Ischemic Stroke in Taiwan	<b>Dr. Chin-I Chen, MD., Ph.D.</b> (Department of Neurology, TMWH)
10:30 Incidence and Distribution of Cancer in Somaliland	<b>Dr. Omar Marshal, M.D.</b> (Pathologist, HGH)
10:45 Common Otolaryngology Disorders in Taiwan	<b>Dr. Shih-Han Hung, M.D., Ph.D.</b> (Director, Department of Otolaryngology of TMWH)
11:00 Maxillofacial Care for Gunshot Patients in Somaliland	<b>Dr. Abdirahim Uurcade, D.D.S.</b> (Oral and Maxillofacial Surgeon, Amal Grand Hospital)
11:15 Research Project: Fluorosis and Oral Health in Somaliland	<b>Dr. Tex Li-Hsing Chi, D.D.S., Ph.D.</b> (Chief, Taiwan Medical Mission)
11:30 Panel Discussion	<b>Dr. Shih-Han, Dr. Omar, Dr. Tex, and Dr. Abdirahim</b> (Head and Neck Surgeons)
12:00 Group Photos/Lunch Break	
August 14 Topic	Speaker
09:00 VIP Remarks for Handover Ceremony	<b>Dr. Mohamed Abdi Hergeye</b> (Director General, MoHD)
09:10 VIP Remarks	<b>Amb. Allen Lou</b> (Ambassador of Taiwan to Somaliland)
09:20 Forensic Medicine in Somaliland	<b>Dr. Ahmed Omar Askar, M.D.</b> (Director, HGH)
09:35 Panel Discussion	<b>Dr. Askar and Dr. Tex</b> (Medical Investigators)
10:00 Orthopedic Care for Gunshot Patients in Somaliland	<b>Dr. Ahmed Saed Ali, M.D.</b> (Chief, Orthopedic Department of HGH)
10:15 Management of Trauma Patient in Taiwan Emergency Department	<b>Dr. Yun-yu Wu, M.D.</b> (Specialist, Emergency Department of TMWH)
10:30 Panel Discussion	<b>Dr. Ahmed and Dr. Yun-yu</b> (Trauma Team)
11:00 Non-communicable Diseases in Somaliland	<b>Dr. Abdurahman Madar M.D., MSc.</b> (Board President, Somalilander-American Health Association)
11:15 Medical Education in Somaliland	<b>Dr. Jinaw Mohamed Qalib, M.D., MSHPE, MPH</b> (Clinical-Teaching Coordinator, University of Hargeisa)
11:30	
12:00 Closure/Group Photos/Lunch Break	



**TAIPEI**  
MUNICIPAL WANFANG HOSPITAL  
(Managed by Taipei Medical University)



**Speaker Biographies**

and

**Abstracts of Presentations**

# Tex Li-Hsing Chi, D.D.S., Ph.D.

Updated July 12, 2023

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**Citizenship:** Taiwan

Chief of Taiwan Medical Mission in the Republic of Somaliland (March 2023 - present)

Attending physician (April 2022 - present)

Director (April 2021 - March 2022)

Division of Oral and Maxillofacial Surgery, Department of Dentistry, Wan Fang Hospital, Taipei Medical University

Attending physician (Jan. 2002 - present)

Division of Oral and Maxillofacial Surgery, Department of Dentistry, Taipei Medical University Hospital

Taipei, Taiwan



## Speciality

An advance visit team in the Republic of Somaliland (July 2022 - Oct 2022)  
Oral and Maxillofacial Surgery

## Research interests

Biostatistics with R/Python/C++ for survival analyses and deep learning, biomedical informatics; cancer research in vitro and in vivo; mindfulness meditation, laser acupuncture; forensic medicine.

## Education

**Taipei Medical University and Academia Sinica** Taipei, Taiwan  
The Ph.D. Program for Translational Medicine Feb. 2013 – Jan. 2022  
Mentors: Professors Yu-Chuan (Jack) Li, Michael Hsiao, Alexander T.H Wu.

**Taipei Medical University** Taipei, Taiwan  
MS in Biomedical Informatics Sep. 2011 – Jan. 2013  
Mentor: Professor Yu-Chuan (Jack) Li.

**Taipei Medical University** Taipei, Taiwan  
BS in Dentistry Sep. 1988 – Jun. 1994

## Honors and award

Best Paper Poster Competition Award - 1st Prize, in the Basic Medical Research (Wan Fang Hospital, Taiwan Medical University) 2023  
Best Paper Presentation Award - 3rd Prize, at Translational Medicine Program Retreat (Academia Sinica, Taiwan) 2017

## Presentation

**A Transcriptomic Analysis of Head and Neck Squamous Cell Carcinomas for Prognostic Indications** Sep. 10, 2021

# Dental Fluorosis and Skeletal Fluorosis in Somaliland Population

Dr. Mukhtar , Dr. Fadumo, Mr. Hashi, and Dr. Tex

## Abstract

**Background.** Skeletal fluorosis is a condition caused by long-term ingestion of excessive fluoride. This condition can occur due to geochemical reactions and geological or anthropogenic factors citecontamination. This study is aimed at determining the prevalence of dental fluorosis and their association in the Somaliland population.

**Methods.** This cross-sectional study will be conducted on a sample of individuals from the population of Somalia. We will use computed tomography (CT) scans and serum fluorides levels to diagnose skeletal fluorosis in participants with dental fluorosis. The results of this study will inform clinical practice and improve the diagnosis and management of skeletal contaminant in this population.

**Results.** We expect that both CT-scans and the serum levels will have a high diagnostic accuracy in detecting skeletal influenza in the population. We also anticipate that our results will reveal an association between dental fluorosis and skeletal pneumonia in this group.

**Conclusions.** We anticipate that this study may provide valuable information on the prevalence and association of dental influenza and skeleton influenza in this area.

## 1 Introduction

Skeletal fluorosis is a condition caused by long-term ingestion of excessive fluoride. It is characterized by skeletal changes such as hyperostosis, osteopetrosis, and osteoporosis [1]. Dental fluorosis, on the other hand, is characterized by hypoplasia of the dental enamel, which can result in mottled enamel [1]. The presence of dental fluorosis can help in making the diagnosis of skeletal fluorosis [6]. Fluoride contamination in drinking water is a global issue, and it can occur due to geochemical reactions and geological or anthropogenic factors [3]. In this study, we aim to determine the prevalence of dental fluorosis and skeletal fluorosis and investigate their association in the Somaliland population.

## 2 Literature Review

Previous studies have shown that CT-scans can be used to detect changes in bone associated with fluorosis. Described features include increased bone density, osteosclerosis, trabecular blurring or haziness, compact bone thickening, periosteal bone formation, and ossification of the attachments of tendons, ligaments, and muscles [4]. Serum fluoride levels have also been used as a diagnostic tool for skeletal fluorosis [2]. A study by Sellami et al. also provides a comprehensive review of skeletal fluorosis, including its diagnosis and management [5]. However, there is limited research on the use of these methods specifically in the Somaliland population.

# Management of Trauma Patient in Taiwan Emergency Department

Dr. Yun-Yu Wu

## **Abstract**

As a physician, managing trauma patients in Taiwan's emergency departments is a critical aspect of our practice. These patients constitute a significant proportion of ED visits in our country, necessitating prompt and effective care to achieve the best outcomes. Our approach to trauma care involves a systematic and multidisciplinary strategy, prioritizing rapid assessment, stabilization, and appropriate interventions.

Upon arrival, trauma patients are triaged using a standardized system to prioritize care based on injury severity. Critically ill patients receive immediate attention, ensuring timely resuscitation and stabilization following ATLS protocols, emphasizing the ABCDE approach.

The resuscitation phase aims to stabilize vital signs and maintain perfusion. This includes fluid resuscitation, blood transfusion as necessary, and controlling external bleeding. Adjuncts like airway devices, chest tubes, and splints are used as needed.

Diagnostic evaluation plays a crucial role, utilizing imaging studies (X-rays, CT, ultrasound) to identify injuries, and laboratory tests (CBC, coagulation studies, ABGs) to assess the patient's overall status.

For severe trauma cases, a trauma team, consisting of trauma surgeons, emergency physicians, anesthesiologists, nurses, and specialists, provides coordinated and organized care.

Evidence-based practice and clinical guidelines are increasingly emphasized to standardize care and improve outcomes. Trauma centers have established registries to collect and analyze data, facilitating continuous quality improvement.

Continuous education and training for healthcare providers remain vital to keep them updated on the latest advancements in trauma management.



In conclusion, our management of trauma patients in Taiwan's emergency departments follows a well-structured and systematic approach, incorporating rapid assessment, multidisciplinary collaboration, advanced imaging, and evidence-based practice. By embracing data-driven analysis and continuous education, we strive to enhance patient outcomes and adapt to evolving challenges in trauma care.

## **Yun-Yu, Wu (Cloud Wu), MD.**

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Citizenship: Taiwan

Member of Taiwan Medical Mission in the Republic of Somaliland (July 2023 - present)

Attending physician (Aug. 2022 - present)

Emergency Department, WanFang Hospital, Taipei Medical University, Taipei, Taiwan

Chief Resident (April 2021- July 2022)

Emergency Department, WanFang Hospital, Taipei Medical University, Taipei, Taiwan

### **Speciality**

Emergency Department of WanFang Hospital, Taipei Medical University.

Critical Care Medicine Department of WanFang Hospital, Taipei Medical University.

Member of Taiwan Society of Emergency and Critical Care Medicine.

Sonography instructor

## Education

Kaohsiung Medical University, School of Medicine (Sep. 2009 – Jun. 2016)