

Sanitizing Your Hands, Staying Healthy This New Year





Editor's Welcome

Dear readers,

Welcome to this year's last issue of "DT PULSE", the international newsletter of Mahidol University Faculty of Dentistry.

It is worth taking some time to reflect on the year and what you achieved in the past 12 months, and I wish you all a happy, healthy, and successful 2023.

October 2022 provided our community with a forum for international cooperation as Coorg Institute of Dental Sciences, India, hosted the 16th International Dental Collaboration for the Mekong River Region (IDCMR) under the theme "Reinventing Dentistry for the Artificial Intelligence Era" to emphasize the importance of Artificial Intelligence which has currently been utilized for the oral health resource capacity, as well as to enhance our research in dentistry to improve the oral health of the people across the region.

Aiming toward knowledge exchange, we also have signed the "MOU Signing ceremony of New Southbound Special Needs Oral Care Resource and Integration Project" to share basic knowledge of Telemedicine with Taiwan & Southeast Asian partners to support patients with special needs. Another highlight of the issue featured Assoc. Prof. Dr. Pisol Senawongse and Dr. Penporn Luangchana, our faculty members, who have contributed as speakers to the International Conference on Dental Science and Education" at the Hanoi Medical University, Vietnam.

For our visiting delegation, we had the opportunity to welcome the Director of WHO Collaborating Centre for Translation of Oral Health Science, Japan, as well as the delegation from Okayama University and the Study in Japan Global Network, Regional Office in ASEAN on separate occasions to discuss future collaborations.

My huge thanks to all of you for taking the time to read this newsletter. I look forward to sharing our interesting news and activities with you in the next issue.

Associate Professor Dr. Ratchapin Srisatjaluk
Deputy Dean for International Undergraduate Program
and Network Collaboration
DT PULSE Editor

DT PULSE

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Visiting Delegation from Okayama University and the Study in Japan Global Network Project Regional Office in ASEAN

On November 11, 2022, Assoc. Prof. Dr. Ratchapin Srisatjaluk, Deputy Dean for International Undergraduate Program and Network Collaboration, along with

- : Assoc. Prof. Dr. Siriruk Nakornchai, Deputy Dean for Academic Affairs and Postgraduate Education
- : Assoc. Prof. Dr. Pisol Senawongse, Deputy Dean for Research, Facilities and Environment
- : Assoc. Prof. Dr. Somsak Mitirattanakul, and Asst. Prof. Dr. Kajohnkiart Janebodin, Assistant Deans for International Undergraduate Program and Network Collaboration
- : The representatives from Mahidol International Dental School (MIDS)

welcomed Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences and the Study in Japan Global Network Project Regional Office in ASEAN, Japan, represented by:

- : Prof. Hirohiko OKAMURA, DDS, PhD, Oral Morphology Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
- : Mr. Yusuke Nii, Director/Study in Japan Coordinator MEXT Study in Japan Global Network Project in ASEAN, Bangkok Branch/Okayama University

to discuss potential areas of collaboration on student and staff exchange with Okayama University, and provide basic information on short-term and long-term programs study in Japan. The meeting took place at the Faculty Committee's meeting room on the 17th floor of the 50th Anniversary of H.R.H. Princess Maha Chakri Sirindhorn Building, Faculty of Dentistry, Mahidol University.



Opening Ceremony of the Training Program in Technology of Medicine and Public Health for Health Personnel from Lao PDR

On November 21, 2022, Assoc. Prof. Dr. Siriruk Nakornchai, Deputy Dean for Academic Affairs and Postgraduate Education, Mahidol University Faculty of Dentistry, warmly welcomed and gave opening remarks to the participants of the *Training Program in Technology of Medicine and Public Health for Health Personnel from the Lao People's Democratic Republic Initiated by Her Royal Highness Princess Maha Chakri Sirindhorn*. The event took place at the Debaratana Auditorium, the 50th Anniversary of H.R.H. Princess Maha Chakri Sirindhorn Building.

On this occasion, Col. Asst. Prof. Nantaporn Weerawat, Projects Consultant of The Office of H.R.H. Princess Maha Chakri Sirindhorn's Projects, provided participants with an introduction to this training.

The participants of Batch 23 (from 6 programs) then delivered research presentations, and Batch 24 participants (from 8 programs) reported a progress of their research projects. After that, Emeritus Prof. Kraisid Tontisirin, a Projects Consultant of The Office of Her Royal Highness Princess Maha Chakri Sirindhorn's Projects, presented certificates of participation and delivered a message of congratulations to the participants.

For the Dentistry Program (Batch 24), held at Mahidol University Faculty of Dentistry on November 20-25, 2022, there are 2 participants in total.



SATU Presidents' Forum 2022 General Assembly and NCKU Overseas Hub Joint Meeting

On November 23-24, 2022, Mahidol University representatives:

: Prof. Dr. Waranun Buajeeb (Dean's Advisor)

: Assoc. Prof. Dr. Chuchai Anunmana (Acting Deputy Dean for Quality Development)

: Dr. Binit Shrestha (Lecturer, Department of Prosthodontics, Maxillofacial Prosthetics Section)

joined *SATU Presidents' Forum 2022 General Assembly on "Sustainable Alliances: Solutions for Strategic Partnerships in Light of Challenges and Uncertainties"*, which took place at Tainan City, Taiwan, hosted by Presidents' Forum of Southeast and South Asia and Taiwan Universities (SATU).

In conjunction with the SATU forum, Prof. Dr. Waranun Buajeeb, as the Director of NCKU Overseas Hub in Thailand, also took part in the NCKU Overseas Hub Joint Meeting.

This involved the representatives of the National Cheng Kung University (NCKU) Overseas Hubs in Thailand, Malaysia, and Vietnam, as part of their ongoing collaboration on research and innovation with NCKU through the establishment of the NCKU Hub.



Visit from Director of WHO Collaborating Centre for Translation of Oral Health Science, Japan

On November 30, 2022, Clin. Prof. Dr. Sirichai Kiattavorncharoen, Dean of Mahidol University Faculty of Dentistry, Prof. Dr. Waranun Buajeeb, Dean's Advisor and Director of WHO Collaborating Centre for Oral Health Education and Research (WHO CC), along with the WHOCC Committee members; Assoc. Prof. Dr. Ratchapin Srisatjaluk, Deputy Dean for International Undergraduate Program and Network Collaboration, and Lect. Dr. Raksanan Karawekpanyawong, Department of Community Dentistry, warmly welcomed Prof. Hiroshi Ogawa, Director of WHO Collaborating Centre for Translation of Oral Health Science, Faculty of Dentistry, Niigata University, Japan, for a visit to the faculty.

They discussed the possibility of collaborating in a faculty/student exchange program and co-hosting a WHO scientific event as both Mahidol University Faculty of Dentistry and the Faculty of Dentistry, Niigata University have currently been operating as WHO CCs.



International Conference on Dental Science and Education at School of Dentistry, Hanoi Medical University

On December 8-9, 2022, Assoc. Prof. Dr. Pisol Senawongse, Deputy Dean for Research, Facilities and Environment, along with Dr. Penporn Luangchana, Department of Oral and Maxillofacial Radiology, represented Mahidol University Faculty of Dentistry to participate in the **12th International Conference on Dental Science and Education** with the theme **"Minimally Invasive Dentistry in the New Era"**, held at the School of Dentistry, Hanoi Medical University, Vietnam.

On this occasion, "A Minimal Intervention Approach with Restorative Materials with Bioactivity" and "All about sinus maxillary, maxillary sinus radiograph: from normal anatomy to sinus lift operation" were the topics of the lectures delivered by Assoc. Prof. Dr. Pisol Senawongse and Dr. Penporn Luangchana, respectively.

In addition to the academic presentation by international dental specialists, the event featured a scientific research competition and dental workshops which attracted many international dentists and dental students.



MoU Signing Ceremony of

New Southbound Special Needs Oral Care Resource and

Integration Project with Department of Oral Health, Ministry of Health and Welfare, Taiwan



On October 5, 2022, Assoc. Prof. Dr. Siriruk Nakornchai, Deputy Dean for Academic Affairs and Postgraduate Education, a representative of Clin. Prof. Dr. Sirichai Kiattavorncharoen, Dean of Mahidol University Faculty of Dentistry, and the following representatives:

- : Prof. Chien-Ning Huang (President of Chung Shan Medical University, Republic of China - Taiwan)
- : Dr. Nia Ayu Ismaniaty Noerhadi (Dean, Faculty of Dentistry, Universitas Indonesia, Indonesia)
- : Assoc. Prof. Tong Minh Son (Dean, School of Dentistry, Hanoi Medical University, Vietnam)
- : Dr. Arturo P. De Leon (Dean of Faculty of Dentistry, Our Lady of Fatima University, Philippines)
- : Mr. Jim Hsueh (HUANG LIANG Biomedical Technology Co., Ltd., Taiwan)

All participated in the Memorandum of Understanding (MoU) Signing Ceremony of "Department of Oral Health, Ministry of Health and Welfare, New Southbound Special Needs Oral Care Resource and Integration Project" via Zoom Cloud Meetings platform, along with administrative boards from both institutions as witnesses.

This MoU aims to exchange the basic knowledge of Telemedicine among faculty members and Taiwan & Southeast Asia partnership organizations in the field of research and development (R&D), to support patients who require special oral health care.



1

KEY FEATURES

KEY FEATURES



16th IDCMR Congress

at Coorg Institute of Dental Sciences, India



On October 27, 2022, faculty executives and staff members of Mahidol University Faculty of Dentistry (MUDT), as the IDCMR Secretariat Office, actively participated in the annual “16th International Dental Collaboration of the Mekong River Region (IDCMR)” congress under the theme “Reinventing Dentistry for the Artificial Intelligence Era”. This was organized by Coorg Institute of Dental Sciences, Karnataka, India, from October 27-28, 2022, as a hybrid event: on-site at the institute and online via Zoom Cloud Meetings.

To officially open the 16th IDCMR, Clin. Prof. Dr. Sirichai Kiattavorncharoen, Dean, along with Prof. Sunil Muddaiah, Dean of Coorg Institute of Dental Sciences, delivered opening remarks to all the participants.

For this year's meeting, MUDT participants joined and contributed to it in many different roles, led by two dean's advisors, Clin. Prof. Emeritus Passiri Nisalak, and Prof. Dr. Waranun Buajeeb, chairing the keynote speaker session. Asst. Prof. Woranun Prapansilp, Assistant Dean for Information Technology and Organizational Communication, was also invited as one of the keynote speakers and delivered her lecture titled “AI in Dentistry and its Application for the Benefit of Mankind”. In addition, lecturers, postgraduate students majoring in pediatric dentistry, undergraduate students, and faculty staff members participated as the poster and oral presenters.

Activities of this two-day scientific meeting included a keynote speaker session, Oral / Poster presentation, Table Clinic competition, Deans Meeting, and Cultural Night, attracting hundreds of participants from IDCMR member institutions from Cambodia, China PR, India, Indonesia, Lao PDR, Malaysia, Myanmar, Thailand, and Vietnam.



2

KEY FEATURES





Dental Services Provided on the Occasion of

H.R.H. Princess Srinagarindra Mahidol's Birthday Anniversary and National Oral Health Day

On October 21, 2022, Clin. Prof. Dr. Sirichai Kiattavorncharoen, Dean of Mahidol University Faculty of Dentistry, presided over the Free Dental Services event on the Occasion of H.R.H. Princess Srinagarindra Mahidol's Birthday Anniversary and National Oral Health Day. In this regard, Dean Sirichai Kiattavorncharoen started the event by paying respect to the royal portrait of Her Royal Highness Princess Srinagarindra.

Free dental services (one person for one free treatment only) included tooth fillings, tooth extraction, impacted tooth removal, emergency root canal treatment, scaling teeth, pediatric dental treatments, dental radiographs, and promoting oral health activity.

The event's aims are to allow faculty staff and students to pay tribute to the royal family by contributing to voluntary service, disseminating information about dental health, and encouraging people to take good care of their own and their loved ones' oral health.

The services were provided at the Dental Hospital, Mahidol University Faculty of Dentistry (Phayathai Campus), and at the Maha Chakri Sirindhorn Dental Hospital (Salaya Campus).



H.R.H. Princess Maha Chakri Sirindhorn's Mobile Dental Service Center

Volunteer Dental Services Provided at Chang Hua Man Royal Project in Phetchaburi Province

On December 6-8, 2022, the H.R.H. Princess Maha Chakri Sirindhorn's Mobile Dental Service Center, in collaboration with the Department of Oral Medicine and Periodontology, set up a mobile dental clinic and portable equipment to deliver dental care services to the local residents in Tha Yang District, Phetchaburi Province at Chang Hua Man Royal Project (the royal agricultural project of the late King Bhumibol).

It was joined by Dean Clin. Prof. Dr. Sirichai Kiattavorncharoen, along with the faculty's dentists and staff members who volunteered their services.



Orthodontics Clinic



Get to know the clinic:

Orthodontics Clinic is located on the 4th floor of the 50th Anniversary of H.R.H. Princess Maha Chakri Sirindhorn Building, Mahidol University Faculty of Dentistry.

The clinic has 40 dental units at which undergraduates, postgraduates, and international students undergo their clinical training under the supervision of professionals. Besides the services under the clinical training program, patients can receive expert care from clinical instructors and orthodontists.

The services at the clinic cover a wide range of orthodontic treatments i.e. orthodontic treatment for patients with masticatory dysfunction and craniofacial deformity by removable and fixed orthodontic appliances for all ages, including orthognathic surgery, orthodontic treatment for patients with cleft lip and palate and other craniofacial deformities, lingual orthodontics, clear aligners, self-ligating braces, and treatment for obstructive sleep apnea (OSA) with mandibular advancement devices.

Other than the orthodontic treatment, the clinic administers multidisciplinary treatments with other departments such as oral surgery, masticatory science, prosthodontics, periodontics, and endodontics.





What dental services are provided?

1. Education service system (Office hours)

Orthodontic treatment with removable orthodontic appliances

The treatment is provided by fifth and sixth-year undergraduates under the supervision of clinical instructors.

Orthodontic treatment with fixed orthodontic appliances and clear aligners

Postgraduates administer the treatment under the supervision of clinical instructors. In certain cases, the treatment is provided by instructors with the assistance of fifth and sixth-year undergraduates in some parts of the treatment.

Premium clinic

Instructors administer the treatment at a higher price than the ones provided by postgraduates under the education service system. In addition, they also provide multidisciplinary treatments with other clinics.

2. Self-support service system (After hours)

: Treatment with removable dental appliances

: Lingual orthodontic treatment

: Orthognathic surgery

Opening hours

Office-Hours :

Monday – Friday

08:30 – 16.30 hrs.

The clinic is closed on Wednesday
afternoons during 13.00 – 16.00 hrs.

After-Hours :

Monday – Friday

16:30 – 19:30 hrs.

Saturday during
08:30 – 16:30 hrs.

Contact information

Orthodontics Clinic

4th floor, the 50th Anniversary of
H.R.H. Princess Maha
Chakri Sirindhorn Building

LINE Official Account:

Call Center:

02-200-7777 ext. 4444 – 54

Payment Unit (Cashier):

02-200-7777 ext. 4455



@muorthoclinic

Dental Hospital, Mahidol University Faculty of Dentistry, Phayathai Campus, Bangkok



Dr. Kavitha Ramsundar



Dr. Preethi Rajamanickam

STUDENT VOICE



Dr. Divya Dharsini



Dr. Chenchulakshmi G.

Dr. Kavitha Ramsundar, Dr. Preethi Rajamanickam, Dr. Divya Dharsini, and Dr. Chenchulakshmi G., dental resident students from Saveetha Dental College, Saveetha Institute of Medical and Technical Sciences, India, visited our dental school on November 7-11, 2022, for a short-term exchange program as they took part in clinical observation in orthodontics, oral and maxillofacial radiology and oral medicine.

Q&A





The students gave an interview with us and you can read what they had to say here:

1. Why did you decide to participate in a short-term exchange program here?

(Dr. Kavitha)

I participated in this program to learn about the modern approach to orthodontics.

(Dr. Preethi)

I wanted to explore the new and different treatment procedures and biomechanics in your institution.

(Dr. Divya)

To study in different countries by experiencing the culture, and different styles of education, meet new people and broaden my knowledge.

(Dr. Chenchulakshmi)

To observe how patients were diagnosed and treated in other universities.

2. Tell us about your impressions of the time spent at Mahidol dental hospital. How do you think it was useful for you?

(Dr. Kavitha)

It was great. I would implement some of the approaches I learned at Mahidol University Faculty of Dentistry.

(Dr. Preethi)

I was able to see a variety of patients, very good hospitality and very good learning, and very friendly residents and faculty.

(Dr. Divya)

The radiology clinic in Mahidol was impressive. All the staffs were super friendly and cleared all our doubts. The exposure in the Oral Medicine clinic was also quite good. We were able to observe a lot of Lichen planus and Burning mouth syndrome.

(Dr. Chenchulakshmi)

The way dentists handle the patient and patience in explaining the lesion to patients was very inspiring to me. I liked the Radiology department very much. I wish to work there in the future.

3. What are the differences you see between the way dentistry is practiced here and in India?

(Dr. Kavitha)

The way the patients are motivated to take the treatment.

(Dr. Preethi)

There is a lot of respect and discipline towards each other both from the doctor and patient side which also shows up in the treatment results.

(Dr. Divya)

In India, Oral Medicine and Radiology comes under one department; whereas in Thailand Oral Medicine, Radiology, and Orofacial Pain is considered different entity. OPMDs are more prevalent in India but their prevalence is very less in Thailand.

(Dr. Chenchulakshmi)

Patient compliance with follow-ups

4. What would you recommend to those interested in an exchange program here and why?

(Dr. Kavitha)

The in-house aligner training causes the program they use to be simplified and easy to understand.

(Dr. Preethi)

It was all so great. Please do not hesitate.

(Dr. Divya)

I would recommend them to visit the radiology clinic, with its advanced Dental CT machines and FOV, the foreign residents can gain so much knowledge.

(Dr. Chenchulakshmi)

It was very useful and they can have an insight into how lesions were treated around the world and radiographic interpretations were done.

Challenges in Biomedical Engineering

Journey from Research to Innovation

Exhibition at MU-NCKU Activity Hub

RESEARCH HIGHLIGHT

1



On November 9, 2022, Mahidol University Faculty of Dentistry, in collaboration with National Cheng Kung University (NCKU), Taiwan, organized the “Challenges in Biomedical Engineering – Journey from Research to Innovation” exhibition.

Prof. Dr. Waranun Buajeeb, Dean's Advisor and Director of NCKU Overseas Hub in Thailand, reported the previous cooperation to establish the MU-NCKU Joint Research Center, and the exchange between the two institutions in order to increase research capability, as well as the innovation. She also reported the history of the research center and the purpose of this exhibition.

The opening remarks were delivered by Prof. Dr. Banchong Mahaisavariya, President of Mahidol University. On this occasion, Clin. Prof. Dr. Sirichai Kiattavorncharoen, Dean of Mahidol University Faculty of Dentistry, along with the faculty executive, and students, also participated in the exhibition.

The panelists were the faculty members staff and instructors from other institutions as following name lists:

Booth 1: Reinforcement Learning and Control based Robotic Lower Limb Exoskeleton for Spinal Cord Injury Paraplegia
: Assoc. Prof. Dr. Jackrit Suthakorn,
Faculty of Engineering, Mahidol University, Thailand
: Prof. Dr. Yen-Chen Liu,
National Cheng Kung University, Taiwan

Challenges in Biomedical Engineering

Journey from Research to Innovation

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RESEARCH HIGHLIGHT

1



Booth 2: Attention Level

: **Dr. Nantawachara Jirakittayakorn**,
Faculty of Dentistry and Faculty of Engineering, Mahidol University
: **Assoc. Prof. Dr. Yodchanan Wongsawat**,
Faculty of Engineering and Institute for Technology and Innovation Management, Mahidol University



Booth 3: Masticatory Muscle Characteristic Analysis System

: **Dr. Nantawachara Jirakittayakorn**,
Faculty of Dentistry and Faculty of Engineering, Mahidol University
: **Assoc. Prof. Dr. Yodchanan Wongsawat**,
Faculty of Engineering and Institute for Technology and Innovation Management, Mahidol University



Booth 4: Digitalization and Artificial Intelligence:

The Future in Orthodontic Treatment
: **The representative from Align Technology (Thailand)**



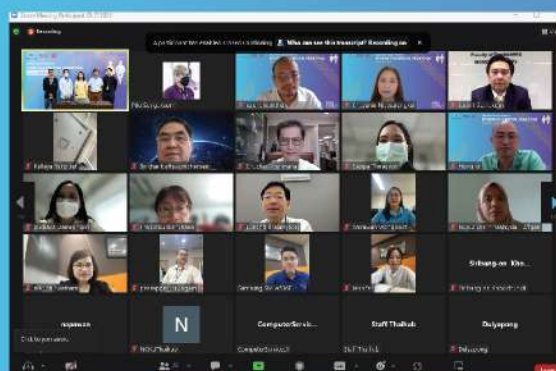
Booth 5: Potential of Deep Learning Models in Identifying Contact between Third Molar and Inferior Alveolar Canal

: **Dr. Dhanaporn Papasratorn**,
Department of Oral and Maxillofacial Radiology, Faculty of Dentistry, Mahidol University

The exhibition aimed to provide the participants with the opportunity to share and exchange their knowledge in biomedical engineering and encourage them to translate their research ideas into innovation. It took place at the MU-NCKU Hub (Joint Research Center) in the multipurpose area on the first floor of the 50th Anniversary of H.R.H. Princess Maha Chakri Sirindhorn Building.



2022 NCKU Thailand Webinar on INTEGRATED BIOMEDICAL ENGINEERING



On December 2, 2022, Mahidol University Faculty of Dentistry, in collaboration with National Cheng Kung University (NCKU), Taiwan, organized the 2022 NCKU Thailand Webinar on "Integrated Biomedical Engineering". The webinar was presided over by Prof. Dr. Waranun Buajeeb, Dean's Advisor of Mahidol University Faculty of Dentistry and Director of NCKU Overseas Hub in Thailand.

Following the opening session, Lect. Binit Shrestha from the Department of Prosthodontics (Maxillofacial Prosthetics section), as a webinar moderator, introduced the experts from Mahidol University and NCKU who were invited as guest speakers to deliver their scientific presentations in the following topics:

: Assoc. Prof. Dr. Jackrit Suthakorn

(Dean, Faculty of Engineering, Mahidol University)

with the presentation titled "Medical Robotics: Surgery, Rehabilitation and Hospital Services"

: Lect. Dr. Piyamate Wisanuvej

(Faculty of Engineering, Kasetsart University)

with the presentation titled "Surgical Robotics Technology"

: Assoc. Prof. Somchai Manopattanakul

(Department of Advanced General Dentistry, Mahidol University Faculty of Dentistry)

with the presentation titled "Integrated Biomedical Engineering: A Perceptron for Orthognathic Surgery Assessment"

: Prof. Dr. Hung-Wei Yang

(Department of Biomedical Engineering, NCKU)

with the presentation titled "Rapid Test for Personal Healthcare"

: Dr. Chayanin Nitiwarangkul

(Faculty of Medicine Ramathibodi Hospital, Mahidol University)

with the presentation titled "Applications of AI in Radiology"

: Dr. Ratchainant Thammasudjarit

(Faculty of Medicine Ramathibodi Hospital, Mahidol University)

with the presentation titled "AI for Systematic Review"

The event was held in a hybrid format; onsite at the 301 Meeting Room on the third floor of the 50th Anniversary of H.R.H. Princess Maha Chakri Sirindhorn Building, Mahidol University Faculty of Dentistry, and streamed live via Zoom Cloud Meetings and Facebook Live: NCKU.

Oral thrush



Symptoms of oral thrush

Oral thrush happens when Candida infection develops inside the mouth. This infection usually occurs in patients with weakened immune systems caused by illness or using some medications, which discourages the immune systems and leads to the overgrowth of Candida.

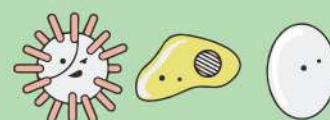
An oral circumstance such as dry mouth or wearing ill-fitting dentures, the risk factors is an easy way for infection. However, it is typically mild and rarely causes serious problems, and can be treated by antifungal medications together with the control and elimination of risk factors.

1. Creamy white lesions on your tongue, inner cheeks, and sometimes on the roof of your mouth, gums, and tonsils
2. Redness may be found with creamy white lesions.
3. Slight bleeding if the lesions are rubbed or scraped
4. People who wear dentures may have dry lips, and redness at the corner of the mouth or under the dentures.
5. Patients may have soreness that may cause difficulty eating or swallowing.
6. Having a dry mouth
7. Loss of taste
8. In severe cases, oral thrush can spread into the esophagus.



Oral thrush (***Oral Candidiasis***) can be treated by antifungal medications which recently come in tablets, lozenges, or liquids, which are generally easy taken for 3 – 4 weeks. These medications do not cause harmful side effects, but some may occur, such as nausea, vomiting, stomachache, and diarrhea including chemical reactions from other medications. Therefore, patients need to be careful using these medications. In case of severe infections or people with weakened immune systems, oral or intravenously administered antifungals may be necessary, and there will be more severe side effects.

***If oral thrush is caused by antibiotics or steroids, you may need to consult the doctor to find the proper solution by changing or adjusting medications.*



***Even though oral thrush is easy to treat, evaluating, eliminating, and resolving risk factors are also important for treatment.*



Risk Factors of Oral Thrush



Having serious illnesses

Such as HIV infections and AIDs, acute leukemia, and diabetes that cause a weak immune system and develop oral thrush



Using antibiotics

Patients who consecutively use oral or intravenous antibiotics are likely to develop oral thrush.



Having dry lips

Caused by medications or health issues may develop oral thrush



Using steroids

Patients with asthma or emphysema who need to use oral steroid spray may cause oral thrush.



Improper oral care

Lack of oral care may develop oral thrush.



Smoking cigarettes

Chemicals in cigarettes may stimulate the growth of Candida.



Wearing dentures

Wearing ill-fitting dentures or wearing them all the time, especially at bedtime, may cause oral thrush.



Chemotherapy

Chemotherapy or radiation therapy cause weakening or destruction of epithelial cells and immune with cancer cells, which affects infection protection, and causes dry lips.



Newborn baby

Candida infection may transfer from the mother who has a vaginal infection to the baby while giving birth.



55th Anniversary, Mahidol University Faculty of Dentistry

June 7, 2023 (Wednesday)

The Foundation Day of the Faculty of Dentistry, Mahidol University



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Newsletter of Mahidol University
Faculty of Dentistry

