

Profile Image

## PROF. MADYA DR. ASMA ALHUSNA BINTI ABANG ABDULLAH

PENSYARAH PERGIGIAN DUG15

### CONTACT

**Phone:** 03-4289 2000

**E-mail:**

asmaabdullah@usim.edu.my

**Faculty:** Fakulti Pergigian

### SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 0,  
Ongoing: 0

## AREAS OF EXPERTISE

Orthodontics

## ACADEMIC QUALIFICATION

Master in Ortodontik (2008)

Bachelor in Pembedahan Pergigian (2001)

## RESEARCH

**1. ROUTINE ORAL HYGIENE PRACTICE AND DIETARY HABITS IN YOUNG CHILDREN: A COMPARISON OF KNOWLEDGE BETWEEN DENTAL, MEDICAL AND NON-HEALTH RELATED UNDERGRADUATE STUDENTS**

2025 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING  
CO-RESEARCHER

**2. EXPLORING THE USE OF ARTIFICIAL INTELLIGENCE FOR AUTOMATED ORTHODONTIC DIAGNOSIS**

2024 GERAN PENYELIDIKAN PUSAT TANGGUNGJAWAB (PTJ) ON GOING  
MAIN RESEARCHER

**3. EFFECTIVENESS OF A NEW DENTAL TRAUMA TRAINING MODULE**

2023 BIDUNI MIZANNIYAH ON GOING MAIN RESEARCHER

**4. CHARACTERISTICS OF THE FIRST DENTAL VISIT IN CHILDREN**

2023 BIDUNI MIZANNIYAH ON GOING CO-RESEARCHER

**5. EXPLORING READINESS FOR TELEDENTISTRY AMONG THE CLEFT LIPS AND PALATE PATIENTS IN MALAYSIA AND INDONESIA: A QUALITATIVE STUDY**

2023 GERAN SEPADAN ANTARABANGSA ON GOING CO-RESEARCHER

# RESEARCH

---

## 6. DEPRESSION AD ANXIETY AMONG UNDERGADUTE DENTAL STUDENTS IN USIM DURING COVID-19 PANDEMIC

2021

BIDUNI MIZANNIYAH

COMPLETED

MAIN RESEARCHER

## 7. STUDENTS? PERCEPTION OF GAMIFICATION IN LEARNING ORTHODONTICS

2021

BIDUNI MIZANNIYAH

COMPLETED

MAIN RESEARCHER

# PUBLICATION

---

## 1. A CROSS-SECTIONAL STUDY ON THE PREVALENCE OF DEPRESSION AND ANXIETY AMONG DENTAL STUDENTS DURING THE COVID-19 PANDEMIC

JOURNAL OF DENTOMAXILLOFACIAL SCIENCE

2024 JOURNAL SCOPUS CO-AUTHOR

## 2. ORTHODONTISTS' KNOWLEDGE, ATTITUDES AND PERCEPTIONS REGARDING SMOKING CESSATION: A PILOT STUDY

ANNALS OF DENTISTRY

2024 JOURNAL SCOPUS MAIN AUTHOR

## 3. ENHANCING ORAL HEALTH EDUCATION FOR YOUNGSTERS IN HIGH-IMPACT SPORT - AN INNOVATIVE TRAINING MODULE

INTERNATIONAL DENTAL TRAUMATOLOGY CONFERENCE 2024

2024 PROCEEDING NON-INDEX CO-AUTHOR

## 4. THE 'HERO GIGI' PROJECT: THE USE OF TELEDENTISTRY TO EMPOWER ABORIGINAL COMMUNITY

FEDERATION OF ISLAMIC MEDICAL ASSOCIATION (FIMA) CONVENTION IN CONJUNCTION WITH 24TH ISLAMIC MEDICAL ASSOCIATION OF MALAYSIA (IMAM) ANNUAL SCIENTIFIC CONFERENCE 2023

2023 PROCEEDING NON-INDEX CO-AUTHOR

## 5. EFFECTIVENESS OF DIFFERENT MEDIA APPROACHES FOR ORTHODONTIC ORAL HYGIENE INSTRUCTION: A RANDOMIZED CONTROLLED TRIAL

JOURNAL OF RESEARCH IN MEDICAL AND DENTAL SCIENCE

2022 JOURNAL WOS MAIN AUTHOR / CONTACT PERSON IN USIM

## 6. EDUCATION 4.0: ARE STUDENTS AWARE AND READY FOR IT?

TEIKYO MEDICAL JOURNAL

2022 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 7. KNOWLEDGE, ATTITUDE AND PERCEPTION AMONG ORTHODONTISTS TOWARDS SMOKING CESSATION THERAPY

5TH USIM INTERNATIONAL HEALTH CONFERENCE 2022, LESSONS FROM PANDEMIC: RESHAPING MEDICINE AND HEALTHCARE

2022 PROCEEDING SCOPUS MAIN AUTHOR

## 8. PENGGUNAAN APLIANS PENAHAN ORTODONTIK BOLEH TANGGAL BAGI PENGEKALAN HASIL RAWATAN ORTODONTIK ? ULAHAN

JURNAL SAINS KESIHATAN MALAYSIA

2021 JOURNAL MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

## 9. ONLINE ORAL HYGIENE INSTRUCTIONS FOR ORTHODONTIC PATIENTS IN MALAYSIAN POPULATION

MEDICINE & HEALTH

2021 JOURNAL INDEX BY WOS & MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

## 10. FLUORIDE AWARENESS AMONG STUDENTS IN UNIVERSITI KEBANGSAAN MALAYSIA, KUALA LUMPUR CAMPUS

TEIKYO MEDICAL JOURNAL

2021 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 11. DISKREPANSI SAIZ GIGI INTERMAKSILA DAN KESANNYA TERHADAP HASIL RAWATAN ORTODONTIK

JURNAL SAINS KESIHATAN MALAYSIA

2021 JOURNAL MYCITE CORRESPONDING AUTHOR

## 12. IDENTIFICATION OF THE USE OF SUBSTANCES AMONG ORTHODONTIC PATIENTS

INTERNATIONAL JOURNAL OF HUMAN AND HEALTH SCIENCES SUPPLEMENTARY ISSUE: 2022 PAGE: S3

2021 PROCEEDING NON-INDEX MAIN AUTHOR

## 13. CLINICAL AND MICROBIOLOGICAL EVALUATION OF STABILISED PERIODONTAL PATIENTS UNDERGOING EARLY STAGE OF ORTHODONTIC TREATMENT

MEDICINE & HEALTH

2020 JOURNAL INDEX BY WOS & MYCITE MAIN AUTHOR / CONTACT PERSON IN USIM

# PUBLICATION

---

## 14. METHODS OF INSTRUCTION ON KNOWLEDGE RETENTION AMONG ORTHODONTIC PATIENTS: A RANDOMIZED CONTROLLED TRIAL

MALAYSIAN JOURNAL OF MEDICINE & HEALTH SCIENCES

2020 JOURNAL SCOPUS CORRESPONDING AUTHOR

## 15. INFORMATION RETENTION IN DIFFERENT METHODS OF ORAL HYGIENE INSTRUCTION DELIVERY AMONG ORTHODONTIC PATIENTS

INDIAN JOURNAL OF NATURAL SCIENCES

2020 JOURNAL WOS CORRESPONDING AUTHOR

## 16. TOOTH SIZE DISCREPANCY IN CLASS II DIVISION 1 MALOCCLUSION AMONG ORTHODONTIC PATIENT

INDIAN JOURNAL OF NATURAL SCIENCES

2020 JOURNAL WOS CO-AUTHOR

## 17. MUSCULOSKELETAL DISORDERS AMONG DENTAL STUDENTS

JOURNAL OF RESEARCH IN MEDICAL AND DENTAL SCIENCE

2020 JOURNAL WOS CO-AUTHOR

## 18. THE EFFECTIVENESS OF TWO MANUAL SLIM BRISTLES TOOTHBRUSHES AMONG FIXED ORTHODONTIC APPLIANCE PATIENTS

JURNAL SAINS KESIHATAN MALAYSIA

2019 JOURNAL MYCITE CORRESPONDING AUTHOR

## 19. PRESENCE OF PATHOGENIC CANDIDAL HYPHAE IN PATIENTS WITH PALATAL COVERAGE APPLIANCES /PROSTHESES

ARCHIVES OF OROFACIAL SCIENCES

2019 JOURNAL WOS CORRESPONDING AUTHOR

## 20. ORAL HYGIENE PRACTICES AMONG FIXED ORTHODONTIC PATIENTS IN A UNIVERSITY DENTAL SETTING

INTERNATIONAL JOURNAL OF ORAL AND DENTAL HEALTH

2016 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

## 21. THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGY AMONG UNDERGRADUATE STUDENTS IN DENTAL TRAINING

JOURNAL OF EDUCATION AND ETHICS IN DENTISTRY

2016 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

## 22. TANYALAH PAKAR TENTANG FIQH DENTAL

2015 BOOK CO-AUTHOR

## 23. ASSESSMENT OF ORTHODONTIC TREATMENT NEEDS USING A MODIFIED AESTHETIC SCALE

SAINS MALAYSIANA

2013 JOURNAL ISI AND SCOPUS CORRESPONDING AUTHOR

## 24. THE EFFECT OF TRIPLE HEADED TOOTHBRUSH IN FIXED ORTHODONTIC PATIENTS

THE INTERNATIONAL JOURNAL OF ORAL HEALTH

2013 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

## 25. COMPARISON OF ANTERIOR TOOTH SIZE DISCREPANCIES AMONG DIFFERENT MALOCCLUSION GROUPS

MALAYSIAN JOURNAL OF MEDICINE AND HEALTH SCIENCES

2013 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

## 26. CREVICULAR ALKALINE PHOSPHATASE ACTIVITY AND RATE OF TOOTH MOVEMENT OF FEMALE ORTHODONTIC SUBJECTS UNDER DIFFERENT CONTINUOUS FORCE APPLICATIONS

INTERNATIONAL JOURNAL OF DENTISTRY

2013 JOURNAL ERA CO-AUTHOR

# PUBLICATION

---

## 27. CHARACTERISTICS OF SMOKERS ATTENDING A SMOKING CESSATION PROGRAM IN A DENTAL SETTING.

THE INTERNATIONAL JOURNAL OF ORAL HEALTH

2012 JOURNAL OTHER DATABASE CO-AUTHOR

## 28. EFFECTIVENESS OF SELF-ETCHING PRIMER VERSUS CONVENTIONAL ETCH AND BOND TECHNIQUE IN FIXED ORTHODONTIC TREATMENT

SAINS MALAYSIANA

2012 JOURNAL ISI AND SCOPUS CORRESPONDING AUTHOR

## 29. ORTHODONTIC MATERIAL USAGE AMONG MALAYSIAN ORTHODONTISTS

SAINS MALAYSIANA

2011 JOURNAL ISI AND SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

## 30. A MODIFIED AESTHETIC COMPONENT OF IOTN AMONG MALAYSIAN POPULATION

THE INTERNATIONAL JOURNAL OF ORAL HEALTH

2011 JOURNAL OTHER DATABASE CORRESPONDING AUTHOR

## 31. PATTERN OF CREVICULAR ALKALINE PHOSPHATASE DURING ORTHODONTIC TOOTH MOVEMENT: LEVELING & ALIGNMENT STAGE

SAINS MALAYSIANA

2011 JOURNAL ISI AND SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

## 32. CREVICULAR TARTRATE RESISTANT ACID PHOSPHATASE ACTIVITY AND RATE OF TOOTH MOVEMENT UNDER DIFFERENT CONTINUOUS FORCE APPLICATIONS

AFRICAN JOURNAL OF PHARMACY AND PHARMACOLOGY

2011 JOURNAL SCOPUS CO-AUTHOR

## 33. PRESCRIPTION OF ORTHODONTIC BRACKETS AND RETAINERS BY MALAYSIAN ORTHODONTISTS

DENTIKA DENTAL JOURNAL

2009 JOURNAL OTHER DATABASE MAIN AUTHOR / CONTACT PERSON IN USIM

## 34. CREVICULAR ALKALINE PHOSPHATASE ACTIVITY DURING ORTHODONTIC TOOTH MOVEMENT: CANINE RETRACTION STAGE

JOURNAL OF MEDICAL SCIENCES

2008 JOURNAL SCOPUS MAIN AUTHOR / CONTACT PERSON IN USIM

## 35. REASONS FOR SEEKING ORTHODONTIC TREATMENT: A PILOT STUDY

THE ANNALS OF DENTISTRY UNIVERSITY OF MALAYA

2001 JOURNAL OTHER DATABASE CO-AUTHOR

# AWARDS/RECOGNITION

---

## 1. DENTAMANIA: AN EDUCATION KIT

USIM DENTANOVA COMPETITION

2024

UNIVERSITY

BRONZE

## 2. ACADEMIC ADVISOR

PUSAT PENGURUSAN PENYELIDIKAN & INOVASI

2023

UNIVERSITY

## 3. ACADEMIC ADVISOR

PUSAT PENGURUSAN PENYELIDIKAN & INOVASI

2023

UNIVERSITY

## 4. SECOND PLACE FOR E-POSTER PRESENTATION

2022

NATIONAL

## 5. TEMPAT KETIGA MINECRAFT KAMPUS BARAKAH CHALLENGE 2022

2022

UNIVERSITY

## 6. SILVER AWARD (PRODUCT), INOVAS 2022

2022

NATIONAL

## 7. ACADEMIC ADVISOR

MINISTRY OF HIGHER EDUCATION

2022

NATIONAL

## 8. ACADEMIC ADVISOR

MALAYSIAN DENTAL COUNCIL, MINISTRY OF HEALTH

2022

NATIONAL

## 9. POSCARE APP

INOVAS 2022: Human Well-being & Sustainable Community

2022

UNIVERSITY

SILVER

## 10. PINGAT PERAK

2021

NATIONAL

## 11. ACADEMIC ADVISOR

KEMENTERIAN KESIHATAN MALAYSIA

2020

NATIONAL