



## DR. MUHAMMAD SYAFIQ BIN ALAUDDIN

PENSYARAH PERGIGIAN DUG14

### CONTACT

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### SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 1, Ongoing: 1

## AREAS OF EXPERTISE

Conservative Dentistry

Implantology

## BIOGRAPHY

A lecturer from Fakulti Pergigian. Holds a Sarjana Kepakaran in Prosthodontics.

## ACADEMIC QUALIFICATION

Sarjana Kepakaran in Prosthodontics (2017)

Bachelor in Dental Surgery (2011)

## RESEARCH

1. CHARACTERIZATION OF MECHANICAL PROPERTIES AND MICROBIAL ADHERENCE OF HIGH-PERFORMANCE POLYMER, POLYETHERIMIDE (PEI) REINFORCED ON THREE-DIMENSIONAL (3D) PRINTED REMOVABLE DENTURE BASE

2024 ON GOING MAIN RESEARCHER

2. ELUCIDATING THE PROPERTIES OF HIGH-PERFORMANCE POLYMERS REINFORCED ON THREE-DIMENSIONAL PRINTED REMOVABLE DENTURE BASE

2021 ON GOING MAIN RESEARCHER

3. INVESTIGATION OF COMPLETE DENTURE PERFORMANCE UTILISING ADDITIVE MANUFACTURING TECHNIQUE

2021 COMPLETED MAIN RESEARCHER

4. ANTI-MICROBIAL EFFECTS OF CONCENTRATED GROWTH FACTOR (CGF) AGAINST MICROORGANISMS OF ORAL CAVITY

2020 COMPLETED MAIN RESEARCHER

5. AN EVALUATION OF FULL COVERAGE CROWN PREPARATIONS : AN INSTITUTIONAL ANALYSIS

2019 COMPLETED MAIN RESEARCHER

## 6. TEACHING OF POSTERIOR COMPOSITE RESIN RESTORATIONS IN UNDERGRADUATE DENTAL SCHOOLS IN MALAYSIA

2018

COMPLETED

MAIN RESEARCHER

## PUBLICATION

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1. ANTIFUNGAL EFFICACY OF NIGELLA SATIVA OIL EXTRACT IN INHIBITING CANDIDA ALBICANS COLONIZATION ON 3D-PRINTED DENTURE BASES

2024 PROCEEDING

2. HALAL STANDARDS AS ELEMENTS IN THE LEGAL FRAMEWORK OF 3D/4D-PRINTED FOOD USING SOURCE-COMPOSITION-MANUFACTURING AND HALAL FORENSIC CONCEPTS

2023 JOURNAL

3. PRELIMINARY NOVEL ANALYSIS ON ANTIMICROBIAL PROPERTIES OF CONCENTRATED GROWTH FACTOR AGAINST BACTERIA-INDUCED ORAL DISEASES

2022 JOURNAL

4. ANTIMICROBIAL PROPERTIES OF CONCENTRATED GROWTH FACTOR (CGF) AGAINST BACTERIA INDUCED ORAL DISEASES

2021 PROCEEDING

5. A CONTEMPORARY EVALUATION ON POSTERIOR DIRECT RESTORATION TEACHING AMONG UNDERGRADUATES IN DENTAL SCHOOLS IN MALAYSIA

2021 CHAPTER IN BOOK

6. AN EVALUATION ON FULL COVERAGE CROWN PREPARATION: AN INSTITUTIONAL ANALYSIS

2020 JOURNAL

7. A CONSOLIDATED THERAPY UTILISING CONCENTRATED GROTH FACTOR (CGF) IN MEMBRANE EXPOSURE INCIDENT: A 12 MONTHS CLINICAL, RADIOGRAPHICAL AND DIGITAL ANALYSIS

2020 PROCEEDING

8. DIGITALISATION IN DENTISTRY: THE MODERN TRANSFORMATION IN ORAL HEALTH CARE

2020 PROCEEDING

9. A REVIEW OF POLYMER CROWN: BIOMECHANICAL AND MATERIAL SCIENCE

2019 JOURNAL

10. A PRELIMINARY INVESTIGATION OF A NOVEL CAD-CAM POLYMER CROWN

2019 JOURNAL

11. CLINICAL PERFORMANCE OF GLASS IONOMER IN CLASS V RESTORATIONS: ONE YEAR FOLLOW UP OF PILOT STUDY

2019 JOURNAL

12. UTILISATION OF CGF AS REGENERATIVE SURGICAL BIOMATERIAL

2019 PROCEEDING

13. A PRELIMINARY INVESTIGATION ON NOVEL CAD-CAM POLYMER CROWN

2019 PROCEEDING

14. AN EVALUATION OF FULL COVERAGE POLYMER CROWN

2018 PROCEEDING

## AWARDS/RECOGNITION

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**1. INNOVATIVE 3D-PRINTED CROWNS INFUSED WITH CHITOSAN AND SILICON DIOXIDE NANOPARTICLES: EVALUATION OF MECHANICAL STRENGTH AND BIOCOMPATIBILITY**

2025 Antarabangsa Gold

**2. INFLUENCE OF DIFFERENT POLISHING SYSTEMS ON SURFACE ROUGHNESS OF BULK FILL RESIN-BASED COMPOSITES**

2024 Universiti Bronze

**3. AN EVALUATION OF CYTOTOXIC ACTIVITIES OF POLYETHERIMIDE REINFORCED ON 3D PRINTED DENTURE BASE**

2024 Universiti Silver

**4. ANTIMICROBIAL PROPERTIES OF POLYETHERIMIDE (PEI) REINFORCED ON 3D PRINTED DENTURE BASE: A PRELIMINARY INVESTIGATION**

2024 Universiti Silver

**5. BIOCAST**

2023 Antarabangsa Gold