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## Publications

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2022

Makalah ilmiah

### **Feeding Plate Fabrication for Infants with Cleft Palate Congenital Disorder at Mitra Sejati Hospital Medan and Grandmed Hospital Lubuk Pakam**

RICCA CHAIRUNNISA

2020

Jurnal internasional bereputasi

### **Pressure Transmission under Thermoplastic Nylon Denture Base Using Acrylic and Porcelain Denture Teeth**

RICCA CHAIRUNNISA

2021

Jurnal nasional

### **Community Service For Infants With Cleft Lip and Palate at Mitra Sejati And Grandmed Hospital North Sumatera**

RICCA CHAIRUNNISA

2019

Jurnal nasional terakreditasi

### **MANDIBULAR REPOSITIONING SPLINT: A FUNCTIONAL AND ESTHETIC CONSIDERATION FOR DISC DISPLACEMENT WITH REDUCTION AND MYOFASCIAL PAIN MANAGEMENT**

RICCA CHAIRUNNISA

2025

Jurnal internasional bereputasi

### **Management of Temporomandibular Disorders Using Stabilization Splint and Supportive Radiofrequency Wave Therapy**

RICCA CHAIRUNNISA

2016

Jurnal nasional terakreditasi

### **Hubunganmaloklusi dan Kebiasaan Buruk dengan Tanda dan Gejala Gangguan Sendi Temporomandibula pada Mahasiswa FKG USU**

RICCA CHAIRUNNISA

2018

Jurnal internasional bereputasi

### **Modifications on impression procedure and occlusal scheme for complex oral conditions in complete edentulous patient**

RICCA CHAIRUNNISA

2017

Jurnal internasional bereputasi

### **The Association between Number of Tooth Loss, Tooth Loss Quadrants, and Occlusal Support with Temporomandibular Disorders in Partially Edentulous**

## Patients

RICCA CHAIRUNNISA

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2023

Jurnal internasional

### **Modification of custom tray and occlusal scheme in edentulous with abnormal relationship and compromised ridge**

ISMET DANIAL NASUTION , ARIYANI DRG , RICCA CHAIRUNNISA

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2024

Jurnal nasional terakreditasi

### **Effect of Oregano on Silicone Soft Denture Liner**

ARIYANI DRG , RICCA CHAIRUNNISA

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2020

Jurnal internasional bereputasi

### **The Effects of Coping Design and Firing Temperature to the Marginal Adaptation of Metal Porcelain Crowns**

RICCA CHAIRUNNISA

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2023

Jurnal internasional bereputasi

### **ANALYSIS OF STRESS DISTRIBUTION AND COMPLETE DENTURE DISPLACEMENT ON FLABBY RIDGE WITH VARIOUS IMPRESSION TECHNIQUES AND MASTICATION LOAD DIRECTION USING FINITE ELEMENT ANALYSIS**

RICCA CHAIRUNNISA

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2021

Jurnal internasional bereputasi

### **The Influence of Using Rotary and Ultrasonic Instruments on The Surface Roughness of Finishing Line and Marginal Adaptation In Metal-Porcelain Restoration**

RICCA CHAIRUNNISA

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2020

Jurnal nasional terakreditasi

### **Pengaruh minuman teh pada pemakai basis gigi tiruan nilon termoplastik terhadap penyerapan air dan stabilitas warna The effect of tea on the thermoplastic nylon denture base**

RICCA CHAIRUNNISA

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2021

Jurnal nasional terakreditasi

### **Risk factors of temporomandibular disorders: literature review**

David Fatola , Syukri Adiputra , RICCA CHAIRUNNISA

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2021

Jurnal internasional bereputasi

### **Pressure absorbability between polymethylmethacrylate and thermoplastic nylon denture base materials**

RICCA CHAIRUNNISA

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2020

Artikel ilmiah

### **Non Invasive Treatment of Bilateral Temporomandibular Joint Osteoarthritis and Myofascial Pain in Young Adult (Case Report)**

RICCA CHAIRUNNISA

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2015

Jurnal nasional terakreditasi

### **Pengaruh Waktu Perendaman Basis Gigitiruan Resin Akrilik Polimerisasi Panas Dalam Ekstrak Buah Lerak 0, 01% Terhadap Kekuatan Impak**

RICCA CHAIRUNNISA

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2022  
Jurnal internasional bereputasi

## **The role of coping material type and collarles margin design toward fracture resistance of metal porcelain restoration**

HASLINDA Z TAMIN , RICCA CHAIRUNNISA

2020  
Jurnal nasional terakreditasi

## **Pengaruh minuman teh pada pemakai basis gigi tiruan nilon termoplastik terhadap penyerapan air dan stabilitas warna The effect of tea on the thermoplastic nylon denture base**

RICCA CHAIRUNNISA

2021  
Jurnal nasional

## **Community Service For Infants With Cleft Lip and Palate at Mitra Sejati And Grandmed Hospital North Sumatera**

RICCA CHAIRUNNISA

2024  
Jurnal nasional terakreditasi

## **Acupressure gua sha and massage with kutus-kutus oil accompanied using a stabilization splint in patients with temporomandibular disorder**

RICCA CHAIRUNNISA

2016  
Jurnal nasional terakreditasi

## **Hubungan Maloklusi, Kebiasaan Buruk, Maloklusi Disertai Kebiasaan Buruk dan Jenis Kelamin dengan Gangguan Sendi Temporomandibula pada Mahasiswa FKG USU**

RICCA CHAIRUNNISA

2025  
Jurnal internasional bereputasi

## **Accuracy of digital impression scanning strategies for free-end edentulous**

RICCA CHAIRUNNISA

2023  
Jurnal internasional

## **Modified sculpted composite resin iris pattern for customized ocular prosthesis**

RICCA CHAIRUNNISA , HASLINDA Z TAMIN , ARIYANI DRG

2015  
Jurnal nasional terakreditasi

## **PENGARUH WAKTU PERENDAMAN BASIS GIGITIRUAN RESIN AKRILIK POLIMERISASI PANAS DALAM EKSTRAK BUAH LERAK 0, 01% TERHADAP KEKUATAN IMPAK: EFFECTS OF SOAKING TIME HEAT-CURED ACRYLIC**

RICCA CHAIRUNNISA

2015  
Jurnal nasional terakreditasi

## **PENGARUH WAKTU PERENDAMAN BASIS GIGITIRUAN RESIN AKRILIK POLIMERISASI PANAS DALAM EKSTRAK BUAH LERAK 0, 01% TERHADAP KEKUATAN IMPAK: EFFECTS OF SOAKING TIME HEAT-CURED ACRYLIC**

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RICCA CHAIRUNNISA

2025

Jurnal internasional bereputasi

## **Management of Flabby and Flat Ridge with Minimal Muscodisplacive Technique Using Extra Light Body PVS**

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

## **Benefits of eggshell reinforcement in water sorption and color stability of heat-cured polymethyl-methacrylate provisional fixed partial dentures**

SYAFRINANI , RICCA CHAIRUNNISA

2021

Artikel ilmiah

## **The Effect of Titanium Oxide (Tio<sub>2</sub>) Nanoparticles Addition on Polymethly Methacrylate Denture Base Impact Strength, Tensile Strength, and Hardness**

RICCA CHAIRUNNISA

2021

Jurnal internasional bereputasi

## **Alendronate Associated with Bovine Bone Graft in Bone Defect Repair: A Histomorphometric Study.**

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

## **Analysis of Stress Distribution on Knife-Edge with Various Occlusion Schemes Using**

RICCA CHAIRUNNISA

2020

Jurnal internasional bereputasi

## **Pressure Transmission under Thermoplastic Nylon Denture Base Using Acrylic and Porcelain Denture Teeth.**

RICCA CHAIRUNNISA

2020

Jurnal internasional bereputasi

## **The Effects of Coping Design and Firing Temperature to the Marginal Adaptation of Metal Porcelain Crowns.**

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

## **Color Stability of Resin Dentures Base after Immersion in Cinnamomum Burmannii Extract and Chlorhexidine Solution**

RICCA CHAIRUNNISA

2025

Jurnal internasional bereputasi

## **Therapy for Temporomandibular Disorders with Chewing Side Preference: 3D-Printed Splints and Habit Reversal Technique**

RICCA CHAIRUNNISA

2020

Jurnal internasional bereputasi

## **The Difference and Correlation of Modulus of Elasticity and Surface Hardness of PMMA and Thermoplastic Nylon Denture Base Materials**

RICCA CHAIRUNNISA

2015

Jurnal nasional terakreditasi

## **PENGARUH WAKTU PERENDAMAN BASIS GIGITIRUAN RESIN AKRILIK POLIMERISASI PANAS DALAM EKSTRAK BUAH LERAK 0, 01% TERHADAP KEKUATAN IMPAK (EFFECTS OF SOAKING TIME HEAT-CURED**

**ACRYLIC, A &#8230;**

RICCA CHAIRUNNISA

2018

Jurnal nasional terakreditasi

**HUBUNGAN JUMLAH DAN KUADRAN KEHILANGAN GIGI DENGAN TINGKAT KEPARAHAN GANGGUAN SENDI TEMPOROMANDIBULA PASIEN RSGM USU**

RICCA CHAIRUNNISA

2017

Jurnal internasional

**Management on Acute Symptoms of Myofascial Pain Syndrome by using Michigan Splint: A case report**

RICCA CHAIRUNNISA

2023

Jurnal nasional terakreditasi

**The Effect of Surface Treatment and Thermocycling On Bond Strength Between Silicon Soft Denture Lining And Acrylic Resin Denture Base**

SYAFRINANI , ARIYANI DRG , RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

**Effect of Oregano on Silicone Soft Denture Liner**

RICCA CHAIRUNNISA

2023

Jurnal internasional bereputasi

**ANALYSIS OF STRESS DISTRIBUTION AND FRACTURE RESISTANCE OF ZIRCONIA AND POLYETHERETHERKETONE POSTERIOR FIXED PARTIAL DENTURE BY DIFFERENT CONNECTOR DIMENSIONS USING FINITE ELEMENT ANALYSIS**

RICCA CHAIRUNNISA

2021

Jurnal internasional bereputasi

**Pressure absorbability between polymethyl-methacrylate and thermoplastic nylon denture base materials**

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2024

Prosiding seminar internasional

**Guided self-care apps for temporomandibular disorders: Accessibility and Effectivity**

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

**Case management of young patients with temporomandibular Osteoarthritis joint disorders using stabilization splint, self-therapy, and chondroitin sulfate-glucosamine supplements**

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

**Effect of Oregano on Silicone Soft Denture Liner**

ARIYANI DRG , RICCA CHAIRUNNISA

2024

Jurnal internasional bereputasi

**Pain-related analysis on a resorbed ridge with various denture occlusal schemes using finite element method**

RICCA CHAIRUNNISA

2026

Jurnal internasional bereputasi

# Case Report Modifications on Impression Procedure and Occlusal Scheme for Complex Oral Conditions in Complete Edentulous Patient

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

## Telemedicine in the management of temporomandibular disorders: A literature review

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

## Combination of occlusal splints and light therapy in temporomandibular disorder

RICCA CHAIRUNNISA

2020

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## The modification of split pontic as non-rigid connector in the management of pier abutment

RICCA CHAIRUNNISA

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## Community Service For Infants With Cleft Lip and Palate at Mitra Sejati And Grandmed Hospital North Sumatera

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## PENGARUH WAKTU PERENDAMAN BASIS GIGITIRUAN RESIN AKRILIK POLIMERISASI PANAS DALAM EKSTRAK BUAH LERAK 0, 01% TERHADAP KEKUATAN IMPAK (EFFECTS OF SOAKING TIME HEAT-CURED ACRYLIC, & #8230;

RICCA CHAIRUNNISA

2020

Jurnal internasional bereputasi

## The Difference and Correlation of Modulus of Elasticity and Surface Hardness of PMMA and Thermoplastic Nylon Denture Base Materials.

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

## The benefits of adding eggshells to the porosity and flexural strength of temporary fixed denture in long-term-use

SYAFRINANI , RICCA CHAIRUNNISA

2018

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## Hubungan Kebiasaan Parafungsional dengan Gangguan Sendi Temporomandibula pada Mahasiswa FKG USU

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2024

Jurnal nasional terakreditasi

## Accuracy of various scanning strategies in partial edentulous with digital impression

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Jurnal internasional bereputasi

## Alendronate Associated with Bovine Bone Graft in Bone Defect Repair: A Histomorphometric Study

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2013

Jurnal nasional terakreditasi

## **Tinjauan tentang splin oklusal untuk terapi gangguan sendi temporomandibula A review about occlusal splint as a therapy for temporomandibular disorders**

RICCA CHAIRUNNISA

2021

Jurnal internasional bereputasi

## **The Effect of Silicone Soft Denture Liner Immersion in Alkaline Peroxide and Sodium Hypochlorite cleanser on Hardness and Surface Roughness**

RICCA CHAIRUNNISA

2023

Jurnal internasional

## **Use of finite element analysis in pain perception on flat ridges with various occlusal schemes in complete dentures**

ISMET DANIAL NASUTION , RICCA CHAIRUNNISA

2021

Jurnal nasional

## **Modification closed mouth functional impression technique for flabby and flat ridge: a case report**

RICCA CHAIRUNNISA , ISMET DANIAL NASUTION , David Chandra

2021

Jurnal internasional bereputasi

## **Surface treatment and resin cement effect on ni-cr metal to shear bond strength of adhesive bridge**

RICCA CHAIRUNNISA

2023

Jurnal internasional

## **Analysis of Stress Distribution and Fracture Resistance of Zirconia and Polyetherketone Posterior Fixed Partial Denture by Different Connector Dimensions Using Finite Element Analysis**

Steven Syahputra , Muhammad Sabri , SYAFRINANI , RICCA CHAIRUNNISA

2023

Jurnal internasional bereputasi

## **The Effect Of Surface Treatment And Thermocycling On Bond Strength Between Silicon Soft Denture Lining And Acrylic Resin Denture Base**

ARIYANI DRG , SYAFRINANI , RICCA CHAIRUNNISA

2021

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## **Community Service For Infants With Cleft Lip and Palate at Mitra Sejati And Grandmed Hospital North Sumatera**

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2023

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## **The Effect of Surface Treatment and Thermocycling On Bond Strength Between Silicon Soft Denture Lining And Acrylic Resin Denture Base**

RICCA CHAIRUNNISA , SYAFRINANI , ARIYANI DRG

2018

Jurnal nasional terakreditasi

## **Hubungan Dukungan Oklusal dan Klasifikasi Kennedy Dengan Tingkat Keparahan Gangguan Sendi Temporomandibula Pasien RSGM U**

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

## **The benefit of chitosan adding as a reinforcement material for polymethyl**

## **methacrylate provisional fixed dentures**

RICCA CHAIRUNNISA

2020

Jurnal nasional terakreditasi

### **Perbedaan Internal Fit Mahkota Keramik yang Dibuat dengan Teknik Pencetakan One-Step Putty-Wash, Two-Step Putty-Wash dan Digital**

RICCA CHAIRUNNISA

2019

Jurnal nasional terakreditasi

### **PERAWATAN DISC DISPLACEMENT WITH REDUCTION PADA KASUS OPEN BITE ANTERIOR MENGGUNAKAN SPLIN REPOSISI ANTERIOR**

RICCA CHAIRUNNISA

2021

Jurnal nasional terakreditasi

### **Diagnostic methods and devices for temporomandibular disorder**

RICCA CHAIRUNNISA

2024

Jurnal nasional terakreditasi

### **Pusat Rehabilitasi Celah Bibir dan Langit-langit Medan sebagai Bentuk Pengabdian Masyarakat untuk Perawatan Celah Bibir dan Langit-Langit Secara Komprehensif**

RICCA CHAIRUNNISA

2015

Jurnal nasional terakreditasi

### **PENGARUH WAKTU PERENDAMAN BASIS GITIRUAN RESIN AKRILIK POLIMERISASI PANAS DALAM EKSTRAK BUAH LERAK 0, 01% TERHADAP KEKUATAN IMPAK (EFFECTS OF SOAKING TIME HEAT-CURED ACRYLIC RESIN BASES IN LERAK EXTRACT 0, 01%);**

RICCA CHAIRUNNISA

2025

Prosiding seminar internasional

### **TEMPOROMANDIBULAR DISORDERS IN THE ELDERLY: AN ANALYSIS BASED ON GENDER, PARAFUNCTIONAL HABITS, AND OCCLUSAL SUPPORT**

ISMET DANIAL NASUTION , SONDANG PINTAULI , RICCA CHAIRUNNISA

2018

Jurnal internasional bereputasi

### **CRNC4: Management of Spontaneous Dislocation and Headache Attributed to TMD Using Stabilization Splint: Case Report**

RICCA CHAIRUNNISA

2021

Jurnal internasional bereputasi

### **Pressure absorbability between polymethyl-methacrylate and thermoplastic nylon denture base materials.**

RICCA CHAIRUNNISA

## **Researches**

2023

Ipteks

### **Pengaruh penambahan gel essential oil oregano (Origanum vulgare) terhadap zone hambat Candida albicans dan kekasaran permukaan soft denture liner silicon swapolimerisasi dental konsentrasi yang verbena**

ARIYANI DRG , RICCA CHAIRUNNISA , CLAUDIA NATASYA , LOIS EMIA RIHTA TARIGAN

2023

Penelitian Dosen Pemula

## **Perbandingan Validitas dan Reliabilitas Instrumen Skrining Diagnostik Short Form of the Fonseca Anamnestic Index (SFAI) dan 5 Major TMD Symptoms (5Ts) Versi Bahasa Indonesia Berbasis Digital**

ARIYANI DRG , RICCA CHAIRUNNISA

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2023

## **Effect of Oregano on Silicone Soft Denture Liner**

ARIYANI DRG , RICCA CHAIRUNNISA

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## **Community Services**

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2024

## **1st Indonesian Prosthodontics Annual Meeting**

SOPAN SINAMO , RICCA CHAIRUNNISA

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2024

## **1st Indonesian Prosthodontics Annual Meeting**

SOPAN SINAMO , RICCA CHAIRUNNISA

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2023

Ipteks Bagi Masyarakat

## **Penyuluhan Akibat Kehilangan Gigi dan pemasangan Gigi Tiruan di desa Paluh Kurau**

ARIYANI DRG , RICCA CHAIRUNNISA

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## **Intellectual Property Rights**

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2021

Hak cipta nasional

## **Telemedicine - TMD Exercises (Aplikasi Berbasis Android)**

RICCA CHAIRUNNISA

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