

# drg. Cek Dara Manja, Sp.RKG, Subsp. RDP(K)

Dosen Departemen Radiologi Kedokteran Gigi  
Fakultas Kedokteran Gigi  
Universitas Sumatera Utara

✉ cek@usu.ac.id

📍 Jln. Alumni No 2, Kampus USU Medan, Sumatera Utara 20155

☎ +6281361611742

🌐 fkg.usu.ac.id/id/dosen/cek-dara-manja

---

## Publications

---

2024

Jurnal internasional bereputasi

### **Distinction of thickness mandibular cortical bone in individuals with type 2 diabetes mellitus reviewed quantitative index**

CEK DARA MANJA

2023

Jurnal nasional terakreditasi

### **DENTAL PROFESSION STUDENT KNOWLEDGE ON CBCT AT FACULTY OF DENTISTRY UNIVERSITAS SUMATERA UTARA**

CEK DARA MANJA

2023

Jurnal nasional terakreditasi

### **Maxillary bone analysis in dentate and edentulous men through panoramic radiographs**

CEK DARA MANJA

2024

Jurnal internasional bereputasi

### **Estimation of Mandibular Bone Density Loss in Diabetes Mellitus Using Cone Beam Computed Tomography**

CEK DARA MANJA , PITU WULANDARI , OLIVIA AVRIYANTI HANAFIAH

2016

Jurnal internasional

### **Use of Panoramic Radiography to Detect Prevalence of Impacted Third Molar Among Chinese Students In Faculty of Dentistry University of Sumatera Utara**

CEK DARA MANJA

2024

Jurnal internasional bereputasi

### **Variations in Mandibular Interdental Bone Density in Indonesian Type 2 Diabetic Patients in Panoramic Radiograph**

CEK DARA MANJA

2023

Jurnal nasional terakreditasi

### **The Use of the Panoramic Mandibular Index in Analyzing Cortical Mandibula Height in Batak Tribe Women With Perimenopause and Postmenopause Conditions**

CEK DARA MANJA

2023

Jurnal nasional terakreditasi

# **Improving Dental and Oral Health through Counseling and Training on Dental and Oral Health Maintenance and Introduction of Dental Radiography Examination in Children and Installation of Sinks at Belawan Islamic Junior High School, Medan Belawan District**

CEK DARA MANJA

2026

Jurnal nasional terakreditasi

## **An examination of CBCT results for ectopic cuspid impaction: a case report**

CEK DARA MANJA

2019

Jurnal internasional bereputasi

## **Difference In Height of Maxillary Alveolar Ridge on Edentulous Women and Dentate Women Using Panoramic Radiography**

CEK DARA MANJA , DENNIS

2019

Jurnal internasional bereputasi

## **Analysis Of Height And Width of Mandibular Condyle and Shape of The Articular Eminence With and Without Clicking Using TMJ Radiography**

CEK DARA MANJA

2025

Artikel ilmiah

## **Investigation of obturation quality by professional education students using digital periapical imaging**

CEK DARA MANJA

2025

Jurnal internasional bereputasi

## **Difference of mandibular trabecular bone fractal dimension values on panoramic radiographs of vegetarians and nonvegetarians in Medan City**

CEK DARA MANJA

2020

Jurnal nasional terakreditasi

## **Comparison Of Edentulous Women And Dentate Women In Terms Of Mandibular Alveolar Ridge Height Reviewed Using Panoramic Radiography**

CEK DARA MANJA

2021

Jurnal internasional

## **Prevalence Of Nutrient Canals Anterior Mandibular In Hypertensive And Non-Hypertensive Patients Using Periapical Radiographs**

TRELIA BOEL , CEK DARA MANJA , DENNIS

2025

Artikel ilmiah

## **Incidental findings of multiple dense bone island on CBCT radiograph: a case report**

CEK DARA MANJA

2022

Prosiding seminar nasional

## **USING TMJ RADIOGRAPHY TO ANALYZE JOINT SPACE IN PATIENTS WITH CLICKING AND WITHOUT CLICKING**

CEK DARA MANJA

2025

Tulisan ilmiah

## **Predictive value of radiographic trabecular bone classifications, quantitative indices and texture-based analysis in assessing dental implant osseointegration : a literature review**

CEK DARA MANJA

2025

Jurnal nasional terakreditasi

## **COUNSELING AND TRAINING TO IMPROVE THE LEVEL OF DENTAL AND ORAL HEALTH IN JUNIOR HIGH SCHOOL TAMAN SISWA BELAWAN MEDAN**

CEK DARA MANJA

2018

Jurnal internasional bereputasi

## **A Comparative Assessment Of Alveolar Bone Loss Using Bitewing, Periapical, And Panoramic Radiography**

CEK DARA MANJA

2025

Tulisan ilmiah

## **Analysis of ectopic canine impaction findings using CBCT: a case report**

CEK DARA MANJA

2021

Jurnal nasional terakreditasi

## **The Use of Panoramic Radiography for Condyle Shape Detection on Menopausal Periods in Dentistry Radiology Installation - Dental and Oral Hospital of Universitas Sumatera Utara**

CEK DARA MANJA

2024

Jurnal nasional terakreditasi

## **Approximation length of the mandibular first molar tooth of Bataknese based on gender analyzed using parallel techniques**

CEK DARA MANJA

2021

Jurnal internasional

## **Electrolysis method to determine the amount of silver in occlusal and periapical films**

CEK DARA MANJA

## **Researches**

---

2023

Penelitian Dana Lokal Perguruan Tinggi

## **Analisis Densitas Tulang Kondilus, Angulus dan Simfisis pada Penderita dan Bukan Penderita Diabetes Melitus Tipe 2 Melalui Radiografi Panoramik Digital dan CBCT**

OLIVIA AVRIYANTI HANAFIAH , CEK DARA MANJA , PITU WULANDARI

2023

## **Analisis Kadar Antioksidan terhadap Tingkat Keparahan Status Periodontal pada Penderita Sindroma Metabolik**

NURDIANA , MARTINA AMALIA , CEK DARA MANJA , PITU WULANDARI

## **Community Services**

---

2023

## **EDUKASI PEMELIHARAAN KEBERSIHAN RONGGA MULUT DALAM MENINGKATKAN KESEHATAN GIGI SISWA SD YAYASAN PERGURUAN AL-NASHROH DELI TUA**

YENDRIWATI , ATIKA RESTI FITRI , CEK DARA MANJA

2023

## World Oral Health Day

CEK DARA MANJA

2024

Ipteks

**Peningkatan kesehatan dan pengetahuan mengenai pemeriksaan radiografi intraoral dan jaringan periodontal melalui penyuluhan dan pelatihan pemeliharaan kesehatan gigi dan mulut pada anak-anak di sekolah menengah pertama taman siswa belawan**

CEK DARA MANJA

2022

**Pengangkatan Panitia WOHD**

CEK DARA MANJA , IKA DEVI ADIANA

## Intellectual Property Rights

2021

Hak cipta nasional

**Teknik Radiografi Bitewing**

CEK DARA MANJA

2021

Hak cipta nasional

**Teknik Radiografi Periapikal Rahang Bawah Atau Mandibula**

CEK DARA MANJA

2021

Hak cipta nasional

**Prosedur Melakukan Radiografi Panoramik Untuk Pemeriksaan TMJ**

CEK DARA MANJA

2021

Hak cipta nasional

**Prinsip-Prinsip Interpretasi Radiograf**

CEK DARA MANJA

2021

Hak cipta nasional

**Prinsip, Klasifikasi dan Interpretasi Kista Rahang Melalui Radiograf**

CEK DARA MANJA

2021

Hak cipta nasional

**Prosedur Melakukan Evaluasi Mutu dan Interpretasi Pada Radiograf Intraoral**

CEK DARA MANJA

2021

Hak cipta nasional

**Prosedur Melakukan Evaluasi Mutu dan Interpretasi Pada Radiograf Ekstraoral**

CEK DARA MANJA

2021

Hak cipta nasional

**Prosedur Melakukan Prosesing Film Dental Secara Manual**

CEK DARA MANJA

2021

Hak cipta nasional

**PENGUNAAN COTTON ROLL DALAM RADIOGRAFI PERIAPIKAL MENGGUNAKAN TEKNIK PARALELING**

CEK DARA MANJA

2021

Hak cipta nasional

## **Teknik Radiografi Periapikal Pada Rahang Atas Atau Maksila**

CEK DARA MANJA

---

2021

Hak cipta nasional

## **Prosedur Melakukan Teknik Bisekting Pada Gigi Anterior Rahang Atas**

CEK DARA MANJA

---

2021

Hak cipta nasional

## **Prosedur Melakukan Radiografi Panoramik Digital**

CEK DARA MANJA

---

2021

Paten nasional

## **Metode Penentuan Kondisi Tekanan Darah Menggunakan Analisis Nutrient Canal Pada Radiograf Periapikal Digital Gigi Anterior Mandibula**

CEK DARA MANJA

---

2021

Hak cipta nasional

## **Pengabdian Masyarakat Tim FKG USU Di Sekolah Menengah Pertama Taman Siswa Belawan**

CEK DARA MANJA

---

2021

Paten nasional

## **Metoda untuk mendapatkan nilai pengukuran akurat pada radiografi panoramik dan CBCT**

CEK DARA MANJA

---

2021

Hak cipta nasional

## **Prosedur Melakukan Radiografi Sefalometri Lateral Digital**

CEK DARA MANJA

---

2021

Hak cipta nasional

## **Prosedur Melakukan Teknik Bisekting Pada Gigi Anterior Mandibula Secara Digital**

CEK DARA MANJA

---

2021

Paten nasional

## **Metode Penggunaan Intensitas Cahaya Untuk Mendapatkan Tampilan Terbaik Dari Radiograf Gigi Dilihat Melalui Cahaya Monitor**

CEK DARA MANJA

---

2021

Hak cipta nasional

## **Bakti Sosial Dies Natalis FKG USU**

IKA DEVI ADIANA , CEK DARA MANJA

---

2021

Hak cipta nasional

## **Benign tumor/Tumor Jinak**

CEK DARA MANJA

---