**Outline**

Our division focuses on the research, education and patient care regarding the diagnosis, treatment, and prevention of diseases or trauma to teeth in operative dentistry and endodontology based on minimally-invasive dentistry. Our main goal is to develop dentin remineralization/regeneration therapy in caries treatment. Our research interests are shown below.

**Faculty members**

Professor: Takashi SAITO, D.D.S., Ph.D.
Assistant professor/full-time lecturer: Masanobu IZUMIKAWA, D.D.S., Ph.D.
Yasuhiro MATSUDA, D.D.S., Ph.D.
Assistant professor/research associate: Yasuhiko NAGAI, D.D.S., Ph.D., Tomoo YUI, D.D.S., Ph.D.
Md Riasat HASAN, B.D.S., Ph.D. (IEEC)
Postdoctoral fellow: Youjing QIU, D.D.S., Ph.D.
Visiting researcher: Jia TANG, D.D.S., Ph.D.


Main research in progress
1) Development of the materials having dentin remineralization and antibacterial activities
2) Development of the materials for dentin regeneration
3) Study on increase of durability of adhesive interface
4) Study on optimization of endodontic treatment

![Improvement of Durability of Resin-Dentin Interface](image)

Current publications

Recent Patents