大学院特別講義
医歯学先端研究特論
Special Lecture of Advanced Medical and Dental Study
（生命理工学先端研究特論）（医歯理工学先端研究特論）
（生命理工医療科学先端研究特論）

History of the discovery of multiple GTF isozymes and the strategy to develop cutting-edge technology to eliminate the mutans streptococci from oral cavity

The International Caries Classification and Management System (ICCMS™) is a comprehensive set of clinical protocols. There are five key foundation components (or keystones) of the ICCMS™. They are 1) the staging of the caries process((ICDAS), 2) caries risk classification, 3) the ICCMS™ decision matrices, 4) ICCMS™ comprehensive patient management plan, and 5) Outcomes of caries management using ICCMS™.

ICDAS (International Caries Detection and Assessment System (ICDAS) code is the first keystone in caries management. The second keystone is the assessment of caries risk. The ICCMS™ requires classifying individuals into low, medium, or high risk categories based on an overall assessment of the risk factors. The third keystone is Caries Management Matrix. ICCMS™ Caries Management Matrix guides the management decisions. After defining an individual likelihood risk status and the management options for caries lesions, a comprehensive patient care plan can be developed. This is the forth keystone. Comprehensive patient care plans should focus on achieving health outcomes for patients. They should designed and evaluated to assess the following potential outcomes:

1. Health promotion,　2. Disease control,　3. Patient-centered quality metrics

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This lecture will be provided online by ZOOM.
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Cariology and Operative Dentistry