

ISO 23401-1:2023(Ed.1)

Dentistry — Chairside denture relining materials — Part 1: Hard type materials

< Overview >

ISO 23401-1 Ed.1 is a standard for dental chairside denture relining materials. This revision is a Japanese proposal. During the development process of the standard, support was provided as part of the PMDA's Academia Dispatch Program.

< Technical Committee >

ISO/TC 106/SC 2/WG 23

< Main Points >

- While ISO and Japanese Industrial Standards (JIS) were already established for denture base materials and elastic (soft type) relining materials, an ISO standard for hard-type relining materials was undeveloped, although a JIS standard existed.
- The standard for hard-type relining materials was developed based on a Japanese proposal derived from JIS T 6521:2005 ("Hard denture relining materials"), which is the standard cited in the notification of certification criteria.
- Japan secured the Working Group convenorship, established an assistant to the convener position, and provided lead experts from both industry and academia to strengthen its organizational structure.

< Publication History >

- Standard development was proposed at the ISO/TC 106 meeting in Hong Kong in August 2017.
- The Japanese proposal was registered as a Preliminary Work Item (PWI), and SC 2/WG 23 was newly established in February 2018.
- An inter-laboratory test (ILT) was conducted in Norway, Germany, China, South Korea, and Japan in 2019.
- New Proposal (NP) vote in April 2020.
- Committee Draft (CD) vote in May 2021.
- Draft International Standard (DIS) vote in February 2022.
- Final Draft International Standard (FDIS) vote in December 2022.
- ISO 23401-1:2023(Ed.1) published in March 2023.

<PMDA Involvement>

Attendance at international conferences, domestic committees and the Academia Dispatch Program.