

CODE: T1100 M3210/1

ID NOS: None

DIAGNOSIS: PERSPEX SKULL PLATE.

CLINICAL HISTORY: None available.

MACROSCOPIC: The specimen is a skull plate made of Perspex (Methyl-methacrylate).

COMMENT: Cranioplasty is the surgical intervention to repair cranial defects in both cosmetic and functional ways. Skull plates of various materials have been used.

After World War II, there was a large need for cranioplasty. Acrylic was primarily a substance used by dentists. Therefore, it was evolved into the use in cranioplasty. Acrylic has some advantages above metal substances; it is easy to shape, lighter in weight, radiates less heat, and radiolucent. Methyl-methacrylate is the most extensively used cranioplasty material.

Seckin Aydin et al. J Neurosci Rural Pract. 2011; 2:162–167. Cranioplasty: Review of materials and techniques.

