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JIS T 7402-1 : 2005
(JSB/JSA)

**Cobalt based alloys for
surgical implant applications—
Part 1: Cobalt-chromium-
molybdenum casting alloy**

ICS 11.040.40

Reference number : JIS T 7402-1 : 2005 (E)



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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Health, Labour and Welfare, and the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal of establishing a Japanese Industrial Standard from Japanese Society for Biomaterials (JSB)/ Japanese Standards Association (JSA), with a draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

This Standard has been made based on **ISO 5832-4:1996** *Implants for surgery—Metallic materials—Part 4: Cobalt-chromium-molybdenum casting alloy* for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Ministers and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

JIS T 7402 consists of the following 4 parts under the general title “*Cobalt based alloys for surgical implant applications*”:

Part 1: Cobalt-chromium-molybdenum casting alloy

Part 2: Wrought cobalt-chromium-molybdenum alloy

Part 3: Wrought cobalt-chromium-tungsten-nickel alloy

Part 4: Wrought cobalt-chromium-nickel-molybdenum-iron alloy

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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