

JAPANESE INDUSTRIAL STANDARD

Translated and Published by Japanese Standards Association

 $JIS\ T\ 3216^{:2021}$

(MTJAPAN/JSA)

Tubes and catheters for nephrostomy and cystostomy

ICS 11.040.25

Reference number: JIS T 3216: 2021 (E)

T 3216: 2021

Date of Establishment: 2005-03-25

Date of Revision: 2021-03-01

Date of Public Notice in Official Gazette: 2021-03-01

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Medical Equipment

JIS T 3216: 2021, First English edition published in 2022-06

Translated and published by: Japanese Standards Association Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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

© JSA 2022

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan HN

Contents

			Page
Introd	luction ·····		··· 1
1	Scope ·····		·· 1
2	Normative refer	ences ·····	·· 1
3	Terms and defin	itions ·····	$\cdot \cdot 2$
4	Configuration a	nd names of parts ······	$\cdots 2$
5		······································	
5.1	Appearance and	cleanliness ·····	$\cdots 4$
5.2			
5.3		ance ·····	
5.4		eter ·····	
5.5		on catheter ·····	
5.6	-	es ······	
6	Biological safety		6
7	Sterility assurar	nce ·····	6
8			
8.1		ing ·····	
8.2	Secondary packa	aging ·····	$\cdots 7$
9			
9.1	Primary packag	ing ·····	$\cdots 7$
9.2		aging ·····	
9.3	Use of symbols		8
Annex	x A (normative)	$Test\ method\ for\ corrosion\ resistance \cdots\cdots\cdots\cdots$	$\cdots 9$
Annex	x B (informative)	Test method for determining kink stability · · · · · · · · · · · · · · · · · · ·	·10
Annex	c C (normative)	Test method for determining peak tensile force of	
		connections ·····	·12
Annex	x D (normative)	Test method for determining the security of fit of the	
		drainage funnel · · · · · · · · · · · · · · · · · · ·	·13
Annex	κ Ε (normative)	Test method for determining peak tensile force of	
		catheter	·15
Annes	x F (normative)	Test method for determining safety of indwelling	
	(balloon	·17
Annos	x G (normative)	Test method for volume maintenance of indwelling	
mile	Co (normanive)	balloon ······	·20

T 3216: 2021

Annex H (informative)	Test method for retention strength · · · · · · 22
Annex JA (informative)	Comparison table between JIS and corresponding
	International Standard ······24

Foreword

This Japanese Industrial Standard has been revised by the Minister of Health, Labour and Welfare through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Medical Technology Association of Japan (MTJAPAN)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (JIS T 3216: 2012), which has been technically revised.

However, **JIS T 3216**: 2012 remains valid for three years from the date of public notice of the revision of this Standard.

This **JIS** document is protected by the Copyright Act.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, published patent application or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, published patent application or utility model rights.

Blank

Tubes and catheters for nephrostomy and cystostomy

JIS T 3216: 2021

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 20697**: 2018, Edition 1, with some modifications of the technical contents to reflect the conditions unique to Japan.

The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies requirements for catheters used for urethral catheterization, contrast injection or chemical feeding, which are detained in kidney, ureter or bladder after performing percutaneous nephrostomy or cystostomy (hereafter referred to as catheters).

NOTE The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 20697: 2018 Sterile drainage catheters and accessory devices for single use (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS T 0307 Medical devices Symbols to be used with medical device labels, labels, labeling and information to be supplied
- JIS T 0993-1 Biological evaluation of medical devices Part 1: Evaluation and testing within a risk management process
 - NOTE Corresponding International Standard: ISO 10993-1 Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process

JIS T 2107 Single use surgical scalpel

JIS T 3242 The guide wire for non-vascular use

JIS T 3260 Dilators

JIS T 3262 Introducer needles and introducer catheters