



Version 7.20 December 03, 2018			
	Section	Change	Rationale
1.	3.2.1.1	Added Core Condition: <ul style="list-style-type: none"><li>• <math>\leq -130</math> C</li></ul>	Requested by the UK
2.	4.1.5	Added New Classes: <ul style="list-style-type: none"><li>• CHORIONIC MEMBRANE</li><li>• TYMPANIC MEMBRANE</li><li>• TYMPANIC MEMBRANE WITH MALLEUS</li></ul>	Requested by Belgium

Version 7.19 November 01, 2018			
	Section	Change	Rationale
1.	2.3.1.1	Added New Core Condition: <ul style="list-style-type: none"><li>• ACD-A&gt;PAS-F</li></ul>	Requested by the US
2.	3.1.2	Added New Class: <ul style="list-style-type: none"><li>• iPSC, WHOLE BLOOD</li></ul>	Requested by the US
3.	10.2.1.1	Added New Attribute Variable: <ul style="list-style-type: none"><li>• Thawed</li></ul>	Requested by Denmark

Version 7.18 October 03, 2018			
	Section	Change	Rationale
1.	3.1.2	Added New Classes: <ul style="list-style-type: none"><li>• CARDIAC STEM CELLS</li><li>• SCHWANN CELLS, PERIPHERAL NERVE</li></ul>	Requested by the US

Version 7.17 August 28, 2018			
	Section	Change	Rationale
1.	4.3.2.2.13	Added New Attribute Variable: <ul style="list-style-type: none"><li>• Demineralized and mineralized</li></ul>	Requested by the US



Version 7.16 August 1, 2018			
	Section	Change	Rationale
1.	3.2.2.2.12	Added New Attribute Variables: <ul style="list-style-type: none"><li>• Activated T cell enriched</li><li>• Tumor specific T cell enriched</li></ul>	Requested by the US
2.	4.1.1	Added New Classes: <ul style="list-style-type: none"><li>• ARTERY, CELIAC TRUNK</li><li>• ARTERY, FEMORAL-POPLITEAL</li><li>• ARTERY, POPLITEAL</li><li>• VEIN, HEPATIC</li><li>• VEIN, ILIAC</li><li>• VEIN, PORTAL</li><li>• VEIN, SUPERIOR VENA CAVA</li></ul>	Requested by the International Tissue Technical Advisory Group (ITTAG)
3.	4.1.2	Added New Class: <ul style="list-style-type: none"><li>• TENDON, PES ANSERINUS</li></ul>	Requested by the International Tissue Technical Advisory Group (ITTAG)
4.	4.1.3	Added New Classes: <ul style="list-style-type: none"><li>• BONE, CUBOID</li><li>• BONE, INTERMEDIATE CUNEIFORM</li><li>• BONE, LATERAL CUNEIFORM</li><li>• BONE, MEDIAL CUNEIFORM</li><li>• BONE, NAVICULAR</li></ul>	Requested by the International Tissue Technical Advisory Group (ITTAG)
5.	4.1.5	Added New Class: <ul style="list-style-type: none"><li>• DURA MATER</li></ul>	Requested by the International Tissue Technical Advisory Group (ITTAG)
6.	4.3.2.2.2	Added New Attribute Variable: <ul style="list-style-type: none"><li>• Reconstituted</li></ul>	Requested by the International Tissue Technical Advisory Group (ITTAG)
7.	4.3.2.2.5	Added New Attribute Variable: <ul style="list-style-type: none"><li>• Ethanol</li></ul>	Requested by the International Tissue Technical Advisory Group (ITTAG)
8.	4.3.2.2.16	Added New Attribute Variables: <ul style="list-style-type: none"><li>• Calcaneal</li><li>• Talus</li></ul>	Requested by the International Tissue Technical Advisory Group (ITTAG)



Version 7.15 June 1, 2018			
	Section	Change	Rationale
1.	4.1.5	Added New Classes: <ul style="list-style-type: none"><li>• LYMPH NODE (TISSUE)</li><li>• SPLEEN (TISSUE)</li></ul>	Requested by the US

Version 7.14 May 4, 2018			
	Section	Change	Rationale
1.	3.1.3	Added New Abbreviation: <ul style="list-style-type: none"><li>• MNC(CB)</li></ul>	Requested by Hong Kong
2.	3.2.2.2.9	Revised definition for existing attribute Mobilized: From: <ul style="list-style-type: none"><li>• Applies to cells that have been obtained from a donor treated with an agent to increase the concentration of the target cell population(s)</li></ul> To: <ul style="list-style-type: none"><li>• Applies to cells that have been obtained from a donor treated with an agent increasing the concentration of cells.</li></ul>	Requested by CTCLAG

Version 7.13 April 6, 2018			
	Section	Change	Rationale
1.	3.1.2	Added New Class: <ul style="list-style-type: none"><li>• MNC, CORD BLOOD</li></ul>	Requested by Hong Kong
2.	4.1.1	Added New Classes: <ul style="list-style-type: none"><li>• ARTERY</li><li>• ARTERY, AXILLARY-BRACHIAL</li><li>• ARTERY, CAROTID</li><li>• VEIN</li></ul>	Requested by Spain



Version 7.13 April 6, 2018			
	Section	Change	Rationale
3.	4.1.2	Added New Classes: <ul style="list-style-type: none"> <li>• TENDON, BICEPS WITH RADIUS</li> <li>• TENDON, FLEXOR CARPI RADIALIS</li> <li>• TENDON, PATELLAR WITH TIBIA AND MENISCI</li> <li>• TENDON, PATELLAR, BISECTED WITH BONE BLOCK AND QUAD</li> <li>• TENDON, TRICEPS WITH ULNA</li> </ul>	Requested by Spain
4.	4.1.3	Added New Class: <ul style="list-style-type: none"> <li>• BONE, STAPES</li> </ul>	Requested by Belgium
5.	4.1.3	Added New Class: <ul style="list-style-type: none"> <li>• GLENOID WITH LABRUM</li> </ul>	Requested by Poland
6.	4.1.3	Added New Classes: <ul style="list-style-type: none"> <li>• ACETABULUM WITH LABRUM</li> <li>• BONE, CALCANEUS</li> <li>• BONE, METATARSUS</li> <li>• BONE, PHALANX, FINGER</li> <li>• BONE, PHALANX, TOE</li> <li>• BONE, TALUS</li> <li>• WRIST</li> </ul>	Requested by Spain

Version 7.12 March 2, 2018			
	Section	Change	Rationale
1.	10.2 10.2.1.2	Added New Attribute Group: <ul style="list-style-type: none"> <li>• Cryoprotectant</li> </ul>	Requested by Fecal Microbiota subcommittee
2.	10.2.1.1	Added New Attribute Variable: <ul style="list-style-type: none"> <li>• Cryopreserved</li> </ul>	Requested by Fecal Microbiota subcommittee
3.	10.2.1.2	Added New Attribute Variables: <ul style="list-style-type: none"> <li>• None or not specified</li> <li>• Glycerol</li> </ul>	Requested by Fecal Microbiota subcommittee
4.	10.2.1.1 14.6 14.6.1.1	Retired the following Fecal Microbiota Attribute Variable: <ul style="list-style-type: none"> <li>• Frozen</li> </ul>	Requested by Fecal Microbiota subcommittee



Version 7.11 February 1, 2018			
	Section	Change	Rationale
1.	2.3.2.2.6	Added new Attribute Variable: <ul style="list-style-type: none"> <li>• ≥ 800 milliliters</li> </ul>	Requested by Australia
2.	2.3.2.2.11	Removed retired Attribute Variable: <ul style="list-style-type: none"> <li>• Solvent detergent-treated</li> </ul>	Previously retired in ISBT 128 Product Description Code Database v4.34.0
3.	2.3.2.2.13	Added new Attribute Variables: <ul style="list-style-type: none"> <li>• Bacterial test day 5</li> <li>• Bacterial test day 6</li> <li>• Bacterial test day 7</li> </ul>	Inadvertent omission.  This attribute was added ISBT 128 Product Description Code Database v7.10.0
4.	14.1.3.2	Added Retired Attribute Variable: <ul style="list-style-type: none"> <li>• Solvent detergent-treated</li> </ul>	Previously retired in ISBT 128 Product Description Code Database v4.34.0

Version 7.10 January 3, 2018			
	Section	Change	Rationale
1.	2.3.2.1	Minor revisions to some of the Attribute Group names.	To provide exact consistency of the group names with the ISBT 128 Product Description Code Database.
2.	2.3.2.1 2.3.2.2.15 2.3.2.2.16	Reordered the Antibody Specificity and Infection groups.	To match the order of appearance in the ISBT 128 Product Description Code Database.



Version 7.10 January 3, 2018			
	Section	Change	Rationale
3.	2.3.2.2 3.2.2.2	Updated Attribute Group section headers to reflect appearance in ISBT 128 Product Description Code Database.	To provide exact consistency of the group names with the ISBT 128 Product Description Code Database.
4.	3.2.2.1	Minor revisions to some of the Attribute Group names.	To provide exact consistency of the group names with the ISBT 128 Product Description Code Database.
5.	11.1	Updated definitions for the following Classes: <ul style="list-style-type: none"><li>• EMBRYO</li><li>• OOCYTE</li><li>• TESTICULAR TISSUE</li></ul>	Requested by ARTTAG
6.	11.2	Renamed Attribute Group and updated description: <ul style="list-style-type: none"><li>• “Collection/Recovery Method” to “Sperm Procurement Method”</li></ul>	To accommodate new Assisted Reproductive Technology terminology
7.	11.2	Updated Attribute Group description: <ul style="list-style-type: none"><li>• Type of Preservation</li></ul>	To accommodate new Assisted Reproductive Technology terminology
8.	11.2	Added New Attribute Groups: <ul style="list-style-type: none"><li>• Oocyte Maturation</li><li>• Embryo Development</li><li>• Embryo Preservation Day</li><li>• Sperm Preparation</li></ul>	Requested by ARTTAG
9.	11.2.1.1	Updated Attribute Variable Definition: <ul style="list-style-type: none"><li>• Default: Not specified</li></ul>	Requested by ARTTAG



Version 7.10 January 3, 2018			
	Section	Change	Rationale
10.	11.2.1.1	Added New Attribute Variables: <ul style="list-style-type: none"><li>• Cryopreserved by slow active freezing</li><li>• Cryopreserved by slow passive freezing</li><li>• Cryopreserved by vitrification</li><li>• Not cryopreserved</li></ul>	Requested by ARTTAG
11.	11.2.1.2	Renamed Attribute Group: <ul style="list-style-type: none"><li>• "Collection/Recovery Method" to "Sperm Procurement Method"</li></ul>	To accommodate new Assisted Reproductive Technology terminology
12.	11.2.1.2	Updated Attribute Variable Definitions: <ul style="list-style-type: none"><li>• Default: Not specified</li><li>• Ejaculated</li></ul>	Requested by ARTTAG
13.	11.2.1.2	Added New Attribute Variables: <ul style="list-style-type: none"><li>• Aspirated epididymal</li><li>• Aspirated testicular</li><li>• Biopsy testicular</li></ul>	Requested by ARTTAG
14.	11.2.1.3	Added New Attribute Group and Variables: <ul style="list-style-type: none"><li>• Default: Not specified</li><li>• GV</li><li>• MI</li><li>• MII</li></ul>	Requested by ARTTAG
15.	11.2.1.4	Added New Attribute Group and Variables: <ul style="list-style-type: none"><li>• Default: Not specified</li><li>• Blastocyst</li><li>• Cleavage stage</li><li>• Fertilized oocyte</li><li>• Morula</li></ul>	Requested by ARTTAG
16.	11.2.1.5	Added New Attribute Group and Variables: <ul style="list-style-type: none"><li>• Default: Not specified</li><li>• Day 1</li><li>• Day 2</li><li>• Day 3</li><li>• Day 4</li><li>• Day 5</li><li>• Day 6</li><li>• Day 7</li></ul>	Requested by ARTTAG



Version 7.10 January 3, 2018			
	Section	Change	Rationale
17.	11.2.1.6	Added New Attribute Group and Variables: <ul style="list-style-type: none"><li>• Default: Not specified</li><li>• Unwashed</li><li>• Washed</li></ul>	Requested by ARTTAG
18.	14.6	Added New Retired Terminology section for obsolete Reproductive Tissue terms.	New Assisted Reproductive Technology terminology added and obsolete terminology were retired
19.	14.6.1	Added section for retired Attribute Groups: <ul style="list-style-type: none"><li>• Donor-Intended Recipient Relationship</li><li>• Processing Status</li></ul>	New Assisted Reproductive Technology terminology added and obsolete terminology were retired
20.	14.6.2.1	Added section for Donor-Intended Recipient Relationship group. Retired the following Attribute Variables: <ul style="list-style-type: none"><li>• Default: Not specified</li><li>• Allogeneic</li><li>• Autologous</li></ul>	New Assisted Reproductive Technology terminology added and obsolete attribute variables were retired
21.	14.6.2.2	Added section for Processing Status group. Retired the following Attribute Variables: <ul style="list-style-type: none"><li>• Default: Not defined</li><li>• For further processing</li></ul>	New Assisted Reproductive Technology terminology added and obsolete attribute variables were retired
22.	14.6.2.3	Added section for Type of Preservation Group. Retired the following Attribute Variable: <ul style="list-style-type: none"><li>• Cryopreserved</li></ul>	New Assisted Reproductive Technology terminology added and obsolete attribute variables were retired





Version 7.10 January 3, 2018			
	Section	Change	Rationale
23.	14.6.2.4	Added section for Sperm Procurement Group. Retired the following Attribute Variable: <ul style="list-style-type: none"><li>• Extracted</li></ul>	New Assisted Reproductive Technology terminology added and obsolete attribute variables were retired