

CHANGES TO AATB STANDARDS FOR TISSUE BANKING

SECTION E - PROCESSING, PRESERVATION, QUARANTINE, AND STORAGE

E1.000 PROCESSING, PRESERVATION, QUARANTINE, AND STORAGE— GENERAL

E1.060 Tissue Preservation/Cryopreservation

Current (13th edition)

E1.061 Techniques

(this standard includes C-, V-, and S-specific standards that remain unchanged)

E1.067 Freezing Tissue

(this standard includes MS- and R-specific standards that remain unchanged)

E1.068 Cryopreservation

(OA, MS)

Procedures for the *Cryopreservation* of musculoskeletal tissue shall be established and documented. Documentation of the concentrations of *Cryoprotectant* and, nutrient or isotonic solutions in the cryopreservative solution shall be maintained.

(with amendments)

E1.061 Techniques

(CT) If tissue is to be preserved using any method, appropriate protocols shall be validated with respect to cell Quality.

E1.067 Freezing Tissue

(CT) If tissue is to be frozen/cryopreserved, a specific freezing rate to a predetermined specific end-point must be selected. When applicable, procedures for freezing shall be established and the method controlled to maintain cell Quality.

E1.068 Cryopreservation

(OA, MS, CT)

Procedures for the *Cryopreservation* of musculoskeletal tissue shall be established and documented. Documentation of the concentrations of *Cryoprotectant* and, nutrient or isotonic solutions in the cryopreservative solution shall be maintained.

(as amended)

E1.061 Techniques

(CT) If tissue is to be preserved using any method, appropriate protocols shall be validated with respect to cell *Quality*.

E1.067 Freezing Tissue

(CT) If tissue is to be frozen/cryopreserved, a specific freezing rate to a predetermined specific end-point must be selected. When applicable, procedures for freezing shall be established and the method controlled to maintain cell *Quality*.

E1.068 Cryopreservation

(OA, MS, CT)

Procedures for the *Cryopreservation* of tissue shall be established and documented.

Documentation of the concentrations of *Cryoprotectant* and, nutrient or isotonic solutions in the cryopreservative solution shall be maintained.

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