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Modern Devices and Tools for the Cornee Collection and Processing. Synthesis of Literature

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The devices and tools used in the cornea sampling and processing is and will be one of the requirements used by the Eye Bank. Technological and informational progress tends to modernize all types of the devices that lead to increased quality of the cornea giving a longer storage with the of the viability of all epithelial corneal layers, stromal and endothelial. Bioreactors are complex devices that maintain the storage of the cornea *ex vivo* that are closer to the physiological norm. Many studies show that the materials that are made of these devices directly or indirectly influence the activity of the cells.

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