



# Cardiac allografts

Cardiac allografts are used in complex surgeries, such as certain cases of endocarditis, in the treatment of congenital disease and in valve replacement surgery using the Ross procedure.

Our certified technicians carefully dissect the harvested heart to obtain various tissues, including valves, conduits, pulmonary patches and other cardiac allografts.

- Each tissue is assessed and categorized in accordance with pre-established criteria: C1 (minor observations indicated in the certificate that do not affect quality) or C2 (no observations).
- Tissues are disinfected in an antibiotic solution before being cryopreserved at a controlled temperature in packaging that contains a cryoprotectant-based solution (DMSO).
- Rigorous microbiological cultures are performed throughout the process to ensure the absence of microorganisms on the allografts.
- Allografts are stored at cryogenic temperatures and shipped in specially approved containers to maintain the required temperature for nine days.

A report on product availability, including all the relevant details, can be provided on request so that you can choose the allograft that best suits your needs.



## Aortic conduit



Catalogue No.	Preservation	Measures
200033	Cryopreserved DMSO	Diameter of the conduit (mm)
		Length of the aorta (cm)
		Length of the brachiocephalic artery (cm)
		Length of the left carotid artery (cm)
		Length of the left subclavian artery (cm)
		Diameter of the distal aorta (mm)
		Length of the distal segment of the aorta (cm)

## Pulmonary conduit



Catalogue No.	Preservation	Measures
200036	Cryopreserved DMSO	Diameter of the conduit (mm)
		Length of the main pulmonary artery (cm)
		Length of the right pulmonary artery (cm)
		Length of the left pulmonary artery (cm)

## Pulmonary piece, distal artery



Catalogue No.	Preservation	Measures
200035	Cryopreserved DMSO	Length (cm)
		Width (cm)

## Pulmonary piece, main artery



Catalogue No.	Preservation	Measures
200032	Cryopreserved DMSO	Length (cm)
		Width (cm)

## Aortic valve with conduit



Catalogue No.	Preservation	Measures
200031	Cryopreserved DMSO	Diameter of the aortic valve (mm)
		Length of the aorta (cm)
		Length of the brachiocephalic artery (cm)
		Length of the left carotid artery (cm)
		Length of the left subclavian artery (cm)
		Diameter of the distal aorta (mm)
		Length of the distal segment of the aorta (cm)
Height of the muscular cuff (mm)		

## Pulmonary valve with conduit



Catalogue No.	Preservation	Measures
200034	Cryopreserved DMSO	Diameter of the pulmonary valve (mm)
		Length of the main pulmonary artery (cm)
		Length of the right pulmonary artery (cm)
		Length of the left pulmonary artery (cm)
		Height of the muscular cuff (mm)