

The IGL logo consists of the letters 'IGL' in a white, serif font, centered within a dark blue square. The background of the top of the slide features a close-up of water droplets on a glass surface, with a teal-to-white gradient background.

Waters IGL Pulsatile Perfusion Solution (PPS)

A Solution for Machine Perfusion of Kidneys

- Intended for the in-vitro flushing and continuous hypothermic machine perfusion of explanted kidneys
- Same composition as the solution originally formulated by F.O. Belzer, MD and James Southard, PhD, at the University of Wisconsin
- Available in 1 Liter bags, labeled with 2-year shelf life, to be stored between 2° - 25°C (35.6° - 77°F)
- Manufactured according to cGMP, by an ISO 13485 and ISO 9001 certified company.



SOLUTION COMPOSITION

CONSTITUENT	Amount 1000 ml	Concentration (mM)
Adenine (free base)	0.68 g	5
Calcium Chloride (dihydrate)	0.068 g	0.5
Dextrose (+)	1.80 g	10
Glutathione (reduced)	0.92 g	3
HEPES (free acid)	2.38 g	10
Hydroxyethyl Starch	50.0 g	N/A
Magnesium Gluconate (anhydrous)	1.13 g	5
Mannitol	5.4 g	30
Potassium Phosphate (monobasic)	3.4 g	25
Ribose, D(-)	0.75 g	5
Sodium Gluconate	17.45 g	80
Sodium Hydroxide	0.70 g	N/A
Sterile Water for injection	to 1000 ml Volume	N/A

PPS has a calculated potassium concentration of 25 mEq/L, a sodium concentration of 100 mEq/L, an osmolarity of 300 mOsm, and a pH of 7.4 at room temperature.

WARNING

THE PRODUCT IS NOT INTENDED FOR DIRECT INJECTION OR I.V. USE.

PRECAUTIONS

PPS is made with Hydroxyethyl Starch, which has been the cause of hypersensitivity reactions in patients. Physicians should be prepared to respond to possible reactions.

Caution: Federal (USA) and certain international laws restrict the sale of PPS to the order of a physician or a licensed practitioner.



Waters Medical Systems

2112 15th St. NW | Rochester, MN 55901 | USA
Tel. +1 507 288 7777 | Fax +1 507 252 3700
www.groupe-igl.com | welcome@groupe-igl.com