SCOT 15 SOLUTION FOR ORGAN PRESERVATION

• 4th Generation Organ Preservation Solution[1].
  Extracellular-type composition containing 15 g/L of PEG 20 kDa. as colloid.
• Multiple Abdominal Organs Preservation[2].

Kidney  Liver  Pancreas

COMPOSITION

SOLUTION COMPOSITION

<table>
<thead>
<tr>
<th>Description</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>6.94 g/L</td>
</tr>
<tr>
<td>Potassium chloride</td>
<td>0.45 g/L</td>
</tr>
<tr>
<td>Dihydrate calcium chloride</td>
<td>0.17 g/L</td>
</tr>
<tr>
<td>Hexahydrate magnesium chloride</td>
<td>0.24 g/L</td>
</tr>
<tr>
<td>Monohydrate D-Glucose</td>
<td>2.20 g/L</td>
</tr>
<tr>
<td>Sodium bicarbonate</td>
<td>2.10 g/L</td>
</tr>
<tr>
<td>Polyethylene glycol 20 000</td>
<td>15 g/L</td>
</tr>
<tr>
<td>Hydrochloric acid</td>
<td>ad pH = 7.50</td>
</tr>
<tr>
<td>Water for injection</td>
<td>ad 1500 mL</td>
</tr>
</tbody>
</table>

SCOT 15 Multiple Abdominal Organs - BT0200081
Solution for Organ Preservation (kidney, liver, pancreas)

This material is for exclusive use of health care professionals.
This product is a class III medical device that has a CE mark according to the regulations.
This medical device is not eligible for reimbursement. SCOT 15 Multiple Abdominal Organs - Ref. BT0200081
Not all the products are available in every country, please contact your sales representative or Macopharma.
INDICATIONS

• Perfusion and preservation of abdominal grafts (Kidney, Liver, Pancreas) from retrieval to reimplantation\(^3, 4\).

Particular precautions
This is not a cardioplegic solution.
In any case, do not administer SCOT 15 to the patient for therapeutic use.
For any additional information, please read the product’s instructions for use.

CHARACTERISTICS

• Extracellular-type solution with a low potassium concentration (6 mmol/L)\(^5\).
• Stable solution with a high molecular weight polyethylene glycol (PEG 20 kDa.)\(^6\).
• Easy to store at room temperature (between +2°C and +25°C)\(^6\).

*The solution must be stored for at least 24 hours at a temperature ranging from +3°C and +5°C prior to use. The solution should be removed from the refrigerator just before use\(^7\).

EFFECTS

• The low potassium concentration and the polyethylene glycol (PEG 20 kDa.)\(^8, 9\):
  - Avoid acute vasoconstriction.
  - Decrease cellular depolarisation.
  - Slow ATP loss and pH reduction.
  - Exert oncotic pressure, limiting tissue edema during preservation and reperfusion\(^10\).
  - Decrease the inflammatory response resulting from graft ischemia-reperfusion injury\(^11\).
  - Reduce immunogenicity of the graft by non-pharmacological masking of antigenic sites on the cell membrane (immunomasking effect)\(^11, 12\).
  - Reduces the phenomenon of post-transplant rejection\(^11, 12\).
  - Protects the grafts from ischemia-reperfusion injuries\(^11, 12, 13\).

See references on back page
REFERENCES:


