COMMON ISSUES WITH FROZEN BRAIN SHIPMENTS

- Lack of identifying information on the actual packaging of the brain
- Packed in violation of IATA standards (i.e. not double-packed, no absorbent material)
- Packed with 'extra filling' (i.e. packing peanuts, shredded paper, towels etc.)
- Paperwork for the tissue is not included in the shipment

COMMON ISSUES WITH FIXED BRAIN SHIPMENTS

- Tissue is packed in a bucket of formalin (of varying sizes)
- Tissue is shipped in a bag of formalin
- Lack of identifying information on the actual packaging of the brain
- There are extra ‘fillings’ (hand towels, bath towels, etc.)
- Brain has been improperly packed and leaked formalin
- Paperwork for the tissue is not included in the shipment
**FROZEN BRAIN TISSUE DO’S AND DON’TS**

### Do’s
- DO pack brain in a sealed primary bag
- DO place sealed primary bag in secondary bag
- DO label the secondary bag with patient identifier (patient name, MRN, case number, etc.)
- DO ensure there is enough dry ice in shipping box
- DO include proper paperwork

### Don’ts
- DON’T pack brain in any hard sealed container (plastic drum, metal drum, etc.)
- DON’T pack multiple brains without any form of identification on each individual brain
- DON’T tape around the seal of the shipper box
- DON’T place any ‘filler’ materials with dry ice (shredded paper, packing peanuts, towels, etc.)
- DON’T forget corresponding paperwork

**FROZEN BRAIN PACKING GUIDELINES**

- Place brain in primary bag and seal
- Take absorbent material and place in a larger secondary bag
- Place sealed primary bag with brain in secondary bag and seal
- Label secondary bag with patient identifier (patient name, MRN, case number, etc.)
- Place in a shipping box that is partially filled with dry ice
- Cover brain and fill the remainder of the box with dry ice
- Place lid on shipper box and prepare for shipment
FIXED BRAIN TISSUE DO’S AND DON’TS

<table>
<thead>
<tr>
<th>Do's</th>
<th>Don’ts</th>
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</thead>
<tbody>
<tr>
<td>• DO wrap brain in formalin soaked material</td>
<td>• DON’T pack brain in a large amount of formalin (if there is a pool of formalin, it is too much formalin)</td>
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<tr>
<td>• DO place absorbent material in secondary bag</td>
<td>• DON’T pack multiple brains without any form of identification on each individual brain</td>
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<tr>
<td>• DO label the secondary bag with patient identifier (patient name, MRN, case number, etc.)</td>
<td>• DON’T forget to put absorbent material in the secondary packaging</td>
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<tr>
<td>• DO ensure there are no leaks</td>
<td>• DON’T place any ‘filler’ materials (towels or random ‘absorbent material’)</td>
</tr>
<tr>
<td>• DO include proper paperwork</td>
<td>• DON’T forget corresponding paperwork</td>
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</tbody>
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FIXED BRAIN PACKING GUIDELINES

- Soak blue pads or a form of absorbent material with formalin
- Take fixed brain and wrap in soaked absorbent material
- Take wrapped brain and place in a primary bag and seal the bag
- Put dry absorbent material in secondary bag
- Place sealed primary bag with brain in secondary bag and seal
- Label secondary bag with patient identifier (patient name, MRN, case number, etc.)
- Place in a shipping box
- Place lid on shipper box and prepare for shipment