

Current Kidney Storage

Paragonix SherpaPak™

Prepare kidney for transport

Isolation bags:
not validated for kidney
preservation

Place kidney in isolation bag.
Add approved solution.
Tie bag.

"Tying" top of bag:
not validated to prevent
solution loss or leakage

Place isolation bag in second
isolation bag. Add ice slush or
ice water per guidelines.
Tie bag.

Ice slush mix: not validated to
comply with solution's
required temperature range

Place isolation bag in third
isolation bag. Add ice slush or
ice water per guidelines.
Tie bag.

Ice chests:
Not validated for kidney
preservation

Place isolation bags in cooler.
Cover with ice slush or ice
water per guidelines.

Concerns about fluid loss,
sterility, temperature variance

Place kidney in canisters.
Add approved solution.
Seal lid.

Two leakproof canister seals:
validated and meet or exceed
UNOS regulations

Insert cold packs. Place canisters
in Paragonix SherpaPak™

All components: validated for
kidney preservation

Prepare kidney for implantation

No information on control of
temperature.
Ischemic time not monitored.

Hypothermic management
unknown

Liability for possible disease
transmission if reused

Reprocess for pathogen
disinfection

Restock cooler into inventory

Hypothermic management at
4-8°C

Temperature and ischemic time
monitored and displayed

Single-use, disposable system