**< 7 days old:**

* < 7 day old RBC
* CPDA
* O pos or O neg
* Irradiated
* HGBS neg

\*If previously transfused with a RBC that is now > 7 days old, continue using the same unit.

**< 4months old:**

* CPDA
* O pos or O neg
* Irradiated
* HGBS neg

**< 4 months old HEART surgery (BYPASS):**

* < 5 day old RBC
* ADSOL removed
* O pos or O neg
* Irradiated
* HGBS neg

**> 4 months old HEART surgery (BYPASS):**

* < 5 day old RBC
* Any additional criteria per patient

\*Keep irradiation <7 days old or less for < 4 months old

**ECMO if used for the machine/pump\*:**

* < 7 day old RBC
* ADSOL removed (preferred) or CPDA for infants < 4 months old
* Additional criteria per age of patient

\*Cannulation , Prime, circuit change

**For infants <4 months old for regular transfusion on ECMO must be CPDA or ADSOL removed, any age cells.**

**Patients >4 months any age RBC for routine transfusions**