

## Guidance on Maximum Blood Draw for Research Purposes

*The purpose of this document is to provide Overall Principal Investigators and their research teams guidance on the amount of blood that may be drawn for research purposes.*

### General Information:

- The amount of blood to be drawn from subjects solely for research purposes must be limited to that needed to meet the goals of the research and not exceed the recommended limits. These limits have been set by subject body weight.
- Volume and frequency of collection must be specified within the research protocol and/or new project application forms and approved by the Institutional Review Board (IRB). The Overall Principal Investigator, or designee, is responsible for ensuring that IRB-approved blood drawing limits are observed and adhered to.
- Investigators requesting blood in excess of the criteria recommended must provide the IRB a detailed justification for this, and describe what safeguards will be in place to protect subjects from undue risk.

### Guidelines for Blood Sampling:

- The amount of blood that may be drawn for research purposes must not exceed 200 mL/day and a maximum of 275 mL in a four week period. Refer to the chart below for specified volumes based on the body weight of the subject.
- Research personnel should consider further limiting the volume of blood withdrawn for research purposes for any subject whose clinical condition might be adversely affected by the removal of the recommended volumes.

<b>MAXIMUM ALLOWABLE TOTAL BLOOD DRAW VOLUMES FOR RESEARCH PURPOSES</b>	
Body Wt (Kg)	Maximum volume (mL) drawn for research purposes in a <u>28-day period</u>
1	5
2	10
3	12
4	16
5	20

6	24
7	28
8	32
9	36
10	40
11-15	44-60
16-20	64-80
21-25	64-100
26-30	104-120
31-35	124-140
36-40	144-160
41-45	164-180
46-50	184-200
51-55	204-220
56-60	224-240
61-65	244-260
66-70	264-275
Greater than 70	275