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## Change Notification UK National Blood Services No. 15 - 2013

# Extra-corporeal volume tables

Applies to the Guidelines for the Blood Transfusion Services in the United Kingdom – 8<sup>th</sup> Edition 2013

### Chapter 3 - Appendix I

The figures in the tables are incorrect, but the numbers are all below the 15% correct figures so the error has been safe and is only applicable to very few, if any machines still used by the UK Blood Services.

Please replace Appendix I with the text below.

## Appendix I

### Extra-corporeal volume tables

To avoid symptomatic donor hypovolaemia, ECV and final collection volume in millilitres should not exceed 15% TBV (excluding anticoagulant). The maximum safe volume (in mL) is indicated in Table 3.1, after Nadler *et al.*<sup>3</sup>

**Table 3.1 Extra-corporeal volume tables**

Note: The bold figures to the top and left are weight (kg) and height (cm) respectively, while those to the bottom and right are weight (stone) and height (feet and inches) respectively.

<b>MALE</b>	<b>Weight</b>											
<b>Height</b>	<b>50</b>	<b>55</b>	<b>60</b>	<b>65</b>	<b>70</b>	<b>75</b>	<b>80</b>	<b>85</b>	<b>90</b>	<b>95</b>	<b>100</b>	
<b>150</b>	518	542	566	590	614	638	663	687	711	735	759	<b>4'11</b>
<b>153</b>	529	553	577	602	626	650	674	698	722	746	771	<b>5'</b>
<b>155</b>	537	561	585	609	634	658	682	706	730	754	778	<b>5' 1</b>
<b>158</b>	549	573	597	622	646	670	694	718	742	766	791	<b>5' 2</b>
<b>160</b>	557	582	606	630	654	678	702	726	751	775	799	<b>5' 3</b>
<b>163</b>	570	595	619	643	667	691	715	739	764	788	812	<b>5' 4</b>
<b>165</b>	579	603	628	652	676	700	724	748	772	797	821	<b>5' 5</b>
<b>168</b>	593	617	641	665	690	714	738	762	786	810	834	<b>5' 6</b>
<b>170</b>	602	627	651	675	699	723	747	771	796	820	844	<b>5' 7</b>
<b>173</b>	617	641	665	689	714	738	762	786	810	834	858	<b>5' 8</b>

<b>175</b>	627	651	675	699	724	748	772	796	820	844	868	<b>5'9</b>
<b>178</b>	642	667	691	715	739	763	787	811	836	860	884	<b>5' 10</b>
<b>180</b>	653	677	701	725	750	774	798	822	846	870	894	<b>5' 11</b>
<b>183</b>	669	693	718	742	766	790	814	838	862	887	911	<b>6'</b>
	<b>7.9st</b>	<b>8.7st</b>	<b>9.5st</b>	<b>10.2st</b>	<b>11st</b>	<b>11.8st</b>	<b>12.6st</b>	<b>13.4st</b>	<b>14.2st</b>	<b>15st</b>	<b>15.7st</b>	

<b>FEMALE</b>	<b>Weight</b>											
<b>Height</b>	<b>50</b>	<b>55</b>	<b>60</b>	<b>65</b>	<b>70</b>	<b>75</b>	<b>80</b>	<b>85</b>	<b>90</b>	<b>95</b>	<b>100</b>	
<b>150</b>	456	481	505	530	555	580	605	630	654	679	704	<b>4'11</b>
<b>153</b>	467	492	517	541	566	591	616	641	665	690	715	<b>5'</b>
<b>155</b>	475	499	524	549	574	599	623	648	673	698	723	<b>5' 1</b>
<b>158</b>	486	511	536	561	586	610	635	660	685	710	734	<b>5' 2</b>
<b>160</b>	494	519	544	569	594	618	643	668	693	718	742	<b>5' 3</b>
<b>163</b>	507	532	557	581	606	631	656	681	705	730	755	<b>5' 4</b>
<b>165</b>	516	540	565	590	615	640	664	689	714	739	764	<b>5' 5</b>
<b>168</b>	529	554	578	603	628	653	678	703	727	752	777	<b>5' 6</b>
<b>170</b>	538	563	588	612	637	662	687	712	737	761	786	<b>5' 7</b>
<b>173</b>	552	577	602	627	651	676	701	726	751	775	800	<b>5' 8</b>
<b>175</b>	562	587	611	636	661	686	711	736	760	785	810	<b>5'9</b>
<b>178</b>	577	602	626	651	676	701	726	751	775	800	825	<b>5' 10</b>
<b>180</b>	587	612	637	662	686	711	736	761	786	810	835	<b>5' 11</b>
<b>183</b>	603	628	653	677	702	727	752	777	801	826	851	<b>6'</b>
	<b>7.9st</b>	<b>8.7st</b>	<b>9.5st</b>	<b>10.2st</b>	<b>11st</b>	<b>11.8st</b>	<b>12.6st</b>	<b>13.4st</b>	<b>14.2st</b>	<b>15st</b>	<b>15.7st</b>	

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