

Contents

Preface	ix
1. Introduction to Blood Banking	1
	<i>Dr. Mayurika Tyagi, Brig. (Dr.) P S Dhot</i>
2. Blood Bank Organization and Administration	10
	<i>Dr. Mayurika S. Tyagi, Dr. Amit Varma</i>
3. Donor Selection Criteria	16
	<i>Dr. Mayurika Tyagi, Dr. Swati Singh</i>
4. Collection of Blood	30
	<i>Dr. Mayurika Tyagi, Dr. Sehrish Chaudhary</i>
5. Adverse Donor Reactions	41
	<i>Dr. Mayurika Tyagi, Dr. Sehrish Chaudhary</i>
6. Diseases Transmitted Through Blood.....	49
	<i>Dr. Mayurika Tyagi, Dr. Swati Singh</i>
7. Storage and Preservation of Blood.....	66
	<i>Dr. Swati Singh, Dr. Mayurika Tyagi</i>
8. Blood Components.....	77
	<i>Dr. Mayurika S. Tyagi, Brig. (Dr.) PS Dhot</i>
9. Apheresis.....	90
	<i>Dr. Swati Singh, Dr. Mayurika Tyagi</i>
10. Autologous Blood Transfusion.....	107
	<i>Dr. Mayurika Tyagi, Dr. Swati Singh</i>
11. Immunohaematology	115
	<i>Dr. Mayurika Tyagi, Brig. (Dr.) P S Dhot, Dr. Swati Singh</i>
12. ABO Blood Group	129
	<i>Dr. Mayurika Tyagi, Brig. (Dr.) P S Dhot</i>
13. The Rh Blood System	155
	<i>Dr. Mayurika Tyagi, Brig. (Dr.) P S Dhot</i>
14. Other Blood Groups	165
	<i>Dr. Mayurika Tyagi, Dr. Arun Tintoo</i>
15. Antiglobulin Test.....	174
	<i>Dr. Mayurika Tyagi, Dr. Arun Tintoo</i>

16. Compatibility Testing	187
	<i>Dr. Mayurika Tyagi, Dr. Anshul Chaturvedi</i>
17. Blood Transfusion Reactions	200
	<i>Dr. Mayurika Tyagi, Brig. (Dr.) PS Dhot</i>
18. Irradiation of Blood: A Comprehensive Overview	211
	<i>Dr. Mayurika Tyagi, Dr. Arun Tintoo</i>
19. Haemovigilance.....	221
	<i>Dr. Mayurika Tyagi, Dr. Anshul Chaturvedi</i>
20. Quality Control for Blood Components	227
	<i>Dr. Mayurika Tyagi, Dr. Swati Singh</i>
21. Quality Control of Blood Bank Reagents	235
	<i>Dr. Swati Singh, Dr. Mayurika Tyagi</i>
22. Documentation	242
	<i>Dr. Mayurika Tyagi, Brig. (Dr.) PS Dhot</i>
23. Blood Bank Equipment	254
	<i>Dr. Mayurika Tyagi, Brig. (Dr.) P S Dhot</i>
<i>Glossary</i>	<i>269</i>