

**Regional desk review of haemoglobinopathies with an emphasis
on thalassaemia and accessibility and availability of safe blood
and blood products as per these patients' requirement in
South-East Asia under universal health coverage**



REGIONAL OFFICE FOR

**World Health
Organization**
South-East Asia

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ISBN: 978-92-9022-851-6

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Suggested citation. Regional desk review of haemoglobinopathies with an emphasis on thalassaemia and accessibility and availability of safe blood and blood products as per these patients' requirement in South-East Asia under universal health coverage. New Delhi: World Health Organization, Regional Office for South-East Asia; 2021. Licence: CC BY-NC-SA 3.0 IGO. License: CC BY-NC-SA 3.0 IGO.

Cataloguing-in-Publication (CIP) data. CIP data are available at <http://apps.who.int/iris>.

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CONTENTS

| | |
|---|------|
| Acknowledgements | iv |
| Abbreviations and acronyms | vi |
| Foreword | viii |
| Executive Summary | x |
| 1. Introduction | 1 |
| 2. Haemoglobin disorders with a focus on thalassaemia | 2 |
| 3. Thalassaemia – a global and regional perspective | |
| 4. Blood transfusion services – a global and regional perspective | 7 |
| 5. Country scenarios | |
| • Bangladesh | 10 |
| • Bhutan | 13 |
| • Democratic People’s Republic of Korea | 16 |
| • India | 18 |
| • Indonesia | 24 |
| • Maldives | 27 |
| • Myanmar | 31 |
| • Nepal | 35 |
| • Sri Lanka | 39 |
| • Thailand | 43 |
| • Timor-Leste | 46 |
| 6. Challenges and the way forward | 48 |
| 7. References | 54 |

Acknowledgements

The development and publication of this document was coordinated by Dr Aparna Singh Shah, Scientist, Department of UHC/Health Systems & Life Course at the WHO Regional Office, under the overall guidance and leadership of Mr Manoj Jhalani, Director, Department of UHC/Health Systems & Life Course, in collaboration of Dr Biju George of Christian Medical College, Vellore, and Dr Sitalakshmi Subramanian, of St John's Medical College Hospital, Bangalore.

The contribution of the following individuals in drafting and reviewing the document is gratefully acknowledged:

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Dr Varough Deyde, Centre for Global health, Centers for Disease Control and Prevention, Atlanta.

Dr Maureen J. Miller, Epidemiology and Applied Research Branch, Division of Cancer Prevention and Control, Centers for Disease Control and Prevention, Atlanta

Dr Jay Epstein, Former Senior Adviser for International Blood Regulatory Affairs, United States Food and Drug Administration.

Dr Yuyun Maryuningsih, Scientist, Blood, Blood products, Products of Human Origin (BTT) team, WHO headquarters, Geneva.

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We are thankful to all contributors for their cooperation in conceiving, writing and finalizing this document. This document has been edited by the Reports and Documentation team at the WHO Regional Office.

Abbreviations and acronyms

| | |
|------------------------|--|
| α -thalassaemia | alpha-thalassaemia |
| β -thalassaemia | beta-thalassaemia |
| BTS | blood transfusion services |
| BTSC | blood transfusion service Centre |
| CBB | Central Blood Bank |
| CD | codon |
| CS | Constant Spring |
| CTP | clinical transfusion practices |
| CVTL | Timor-Leste Red Cross Society |
| DPR Korea | Democratic People's Republic of Korea |
| EQAS | External Quality Assurance Schemes |
| FRU | first referral unit |
| GDBS | WHO Global Database on Blood Safety |
| Hb | haemoglobin |
| HbA | adult haemoglobin |
| HbC | haemoglobin C disease |
| Hb CS | haemoglobin Constant Spring |
| HbE | haemoglobin E disease |
| HbF | fetal haemoglobin |
| HbS | sickle cell haemoglobin |
| HPLC | high performance liquid chromatography |
| HSCT | haemopoietic stem cell transplant |
| IFRC | International Federation of the Red Cross and Red Crescent Societies |
| IGMH | Indira Gandhi Memorial Hospital (Maldives) |
| ISBT | International Society of Blood Transfusion |
| IVS | intervening sequence |
| MBS | Maldivian Blood Services |
| MoH | Ministry of Health |
| MoHFW | Ministry of Health and Family Welfare (India) |
| MoHP | Ministry of Health and Population (Nepal) |
| MoPH | Ministry of Public Health (DPR Korea) |

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|------------|--|
| MRCS | Myanmar Red Cross Society |
| NACO | National AIDS Control Programme (India) |
| NBC | National Blood Centre |
| NBTC | National Blood Transfusion Council |
| NBTS | National Blood Transfusion Service |
| NDT | non-transfusion-dependent thalassaemia |
| NHI | national health insurance |
| NHM | National Health Mission (India) |
| NHSO | National Health Security Office |
| NPHL | National Public Health Laboratory |
| NRHM | National Rural Health Mission (India) |
| NTAC | National Technical Advisory Committee |
| NTC | National Thalassaemia Centre |
| NTDT | non-transfusion-dependent thalassaemia |
| PMI | Palang Merah Indonesia (Indonesian Red Cross Society) |
| POPTI | Association of Parents of Thalassaemia Patients Indonesia |
| QoL | quality of life |
| RBC | Regional Blood Centre |
| SEA Region | South-East Asia Region |
| SHE | Society for Health Education (Maldives) |
| SOP | standard operating procedure |
| TDT | transfusion-dependent thalassaemia |
| TFH | Thalassaemia Foundation Hospital (Bangladesh) |
| TOHC | Thalassaemia and Other Haemoglobinopathies Centre (Maldives) |

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