

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



**World Health
Organization**

REGIONAL OFFICE FOR

South-East Asia

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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)

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	Thalassaemic and Other Haemoglobinopathies Centre (Maldives)

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