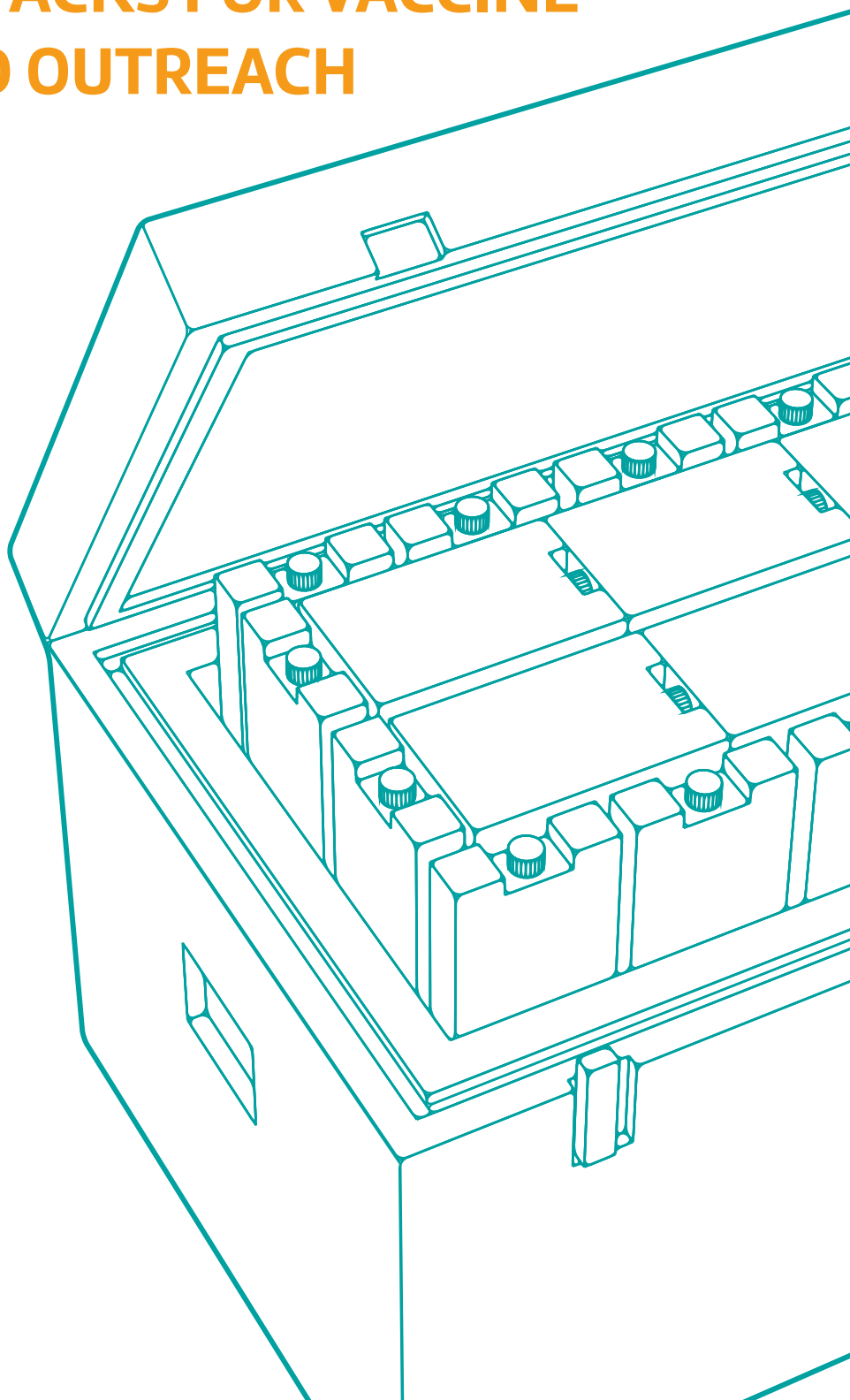




HOW TO USE PASSIVE CONTAINERS AND COOLANT-PACKS FOR VACCINE TRANSPORT AND OUTREACH OPERATIONS

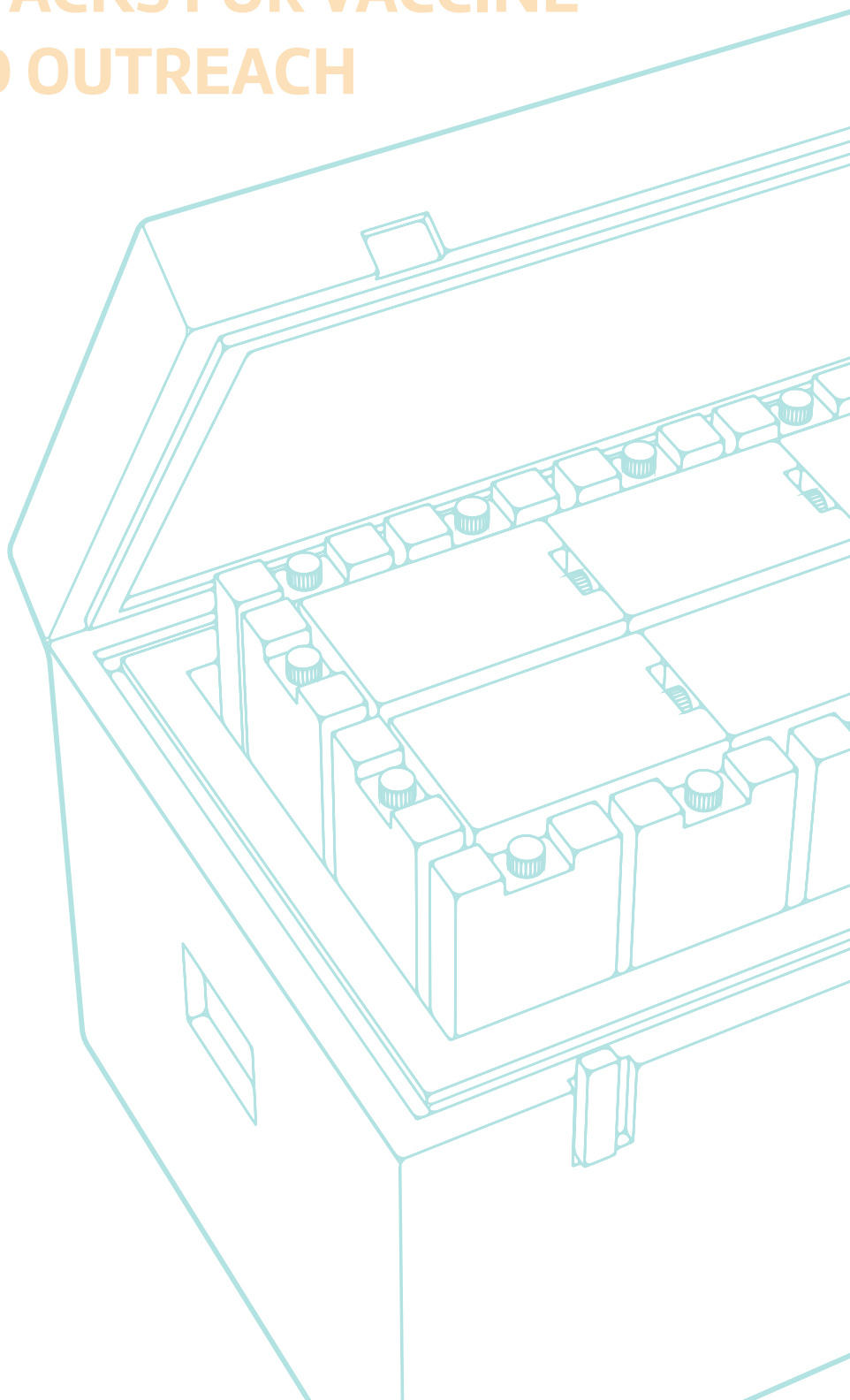
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HOW TO USE PASSIVE CONTAINERS AND COOLANT-PACKS FOR VACCINE TRANSPORT AND OUTREACH OPERATIONS

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How to use this module

This module of the WHO Vaccine Management Handbook (VMH) is a component of the World Health Organization/United Nations Children's Fund Effective Vaccine Management (EVM) Initiative. The handbook is written for decision-makers at national and subnational levels; its purpose is to provide technical advice on key topics related to immunization logistics to help countries develop and refine national policies. For more detailed guidance on specific operational activities, readers should refer to the EVM Model Standard Operating Procedures.¹

Advice in the VMH generally conforms to the guidance on good storage and distribution practice given in WHO Technical Report Series No. 961, 2011, Annex 9: Model guidance for the storage and transport of time- and temperature-sensitive pharmaceutical products.²

¹ Effective Vaccine Management (EVM) Initiative Model Standard Operating Procedures. Geneva: World Health Organization; 2015 (http://www.who.int/immunization/programmes_systems/supply_chain/eum/en/index2.html, accessed 30 March 2015).

² WHO Expert Committee on Specifications for Pharmaceutical Preparations: forty-fifth report. Geneva: World Health Organization; 2011: Annex 9 (WHO Technical Report Series No. 961; <http://apps.who.int/medicinedocs/documents/s18683en/s18683en.pdf>, accessed 30 March 2015).

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Abbreviations

DT	diphtheria and tetanus toxoid vaccine
DTaP	diphtheria, tetanus, and [acellular] pertussis vaccine
DTwP	diphtheria and tetanus toxoid [whole cell] and pertussis vaccine
EVM	Effective Vaccine Management [initiative]
Hib	<i>Haemophilus influenzae</i> type b vaccine
IPV	inactivated poliovirus vaccine
OPV	oral poliovirus vaccine
PCM	phase-change material
PQS	performance, quality and safety
SOP	standard operating procedure
Td	tetanus and diphtheria vaccine with reduced diphtheria content for adults
TT	tetanus toxoid
TTM	time-temperature monitoring device
VMH	Vaccine Management Handbook
VVM	vaccine vial monitor
WHO	World Health Organization

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