**Expanded Programme on Immunization (EPI)**

***Core reference materials***

The following documents can be found at the web pages shown.

|  |  |  |
| --- | --- | --- |
| **Topic** | **Document***Note: URLs link to English version* | **Languages available** |
| **EN** | **FR** | **SP** | **Other** |
| **Adverse Events Following Immunization (AEFI) Surveillance** | Global Manual on Surveillance of Adverse Events Following Immunization –2014<http://www.who.int/vaccine_safety/publications/aefi_surveillance/en/> | ✓ |  |  |  |
| **BCG** | WHO position paper on BCG – February 2018<http://www.who.int/wer/2018/wer9308/en/> | ✓ | ✓ | ✓ | ✓ (AR, CH, RU) |
| **Cholera** | WHO position paper on Cholera vaccines – August 2017<http://www.who.int/wer/2017/wer9234/en/>  | ✓ | ✓ |  |  |
| WHO consultation on oral cholera vaccine (OCV) stockpile strategic framework: potential objectives and possible policy options – 2012<http://www.who.int/immunization/documents/innovation/WHO_IVB_12.05/en/> | ✓ |  |  |  |
| **Controlled Temperature Chain (CTC)** | Countries’ interest in a hepatitis B vaccine licensed for the controlled temperature chain; survey results from African and Western Pacific regions<http://www.who.int/immunization/programmes_systems/supply_chain/Countries_interest_HepB_Vaccine_CTC.pdf>  |  |  |  |  |
| CTC Infographic<http://www.who.int/immunization/programmes_systems/supply_chain/resources/WHO_CTC_Infographic.pdf>  | ✓ | ✓ |  |  |
| Strategic Roadmap for Priority Vaccines for Controlled Temperature Chain  - 2017-2020<http://www.who.int/immunization/programmes_systems/supply_chain/ctc_strategic_roadmap_priority_vaccines.pdf>  |  |  |  |  |
| **Dengue** | Clinical evaluation of dengue vaccines in endemic areas –2008<http://www.who.int/immunization/documents/WHO_IVB_08.12/en/> | ✓ |  |  |  |
| Guide to the design and conduct of dengue serosurveys – 2017<http://www.who.int/immunization/documents/research/WHO_IVB_17.07/en/> | ✓ |  |  |  |
| WHO position paper on Dengue vaccines – updated September 2018<http://www.who.int/wer/2018/wer9336/en/>  | ✓ | ✓ | ✓ | ✓ (AR, CH, RU) |
| **Diphtheria** | WHO position paper on Diphtheria vaccines – August 2017<http://www.who.int/wer/2017/wer9231/en/>  | ✓ | ✓ |  |  |
| **Equity** | Handbook on health inequality monitoring with a special focus on low- and middle-income countries (and e-learning) – 2013<http://www.who.int/gho/health_equity/handbook/en/> | ✓ |  |  |  |
| Health Equity Assessment Toolkit – 2016<http://www.who.int/gho/health_equity/assessment_toolkit/en/> | ✓ |  |  |  |
| Reaching every district: A guide to increasing coverage and equity in all communities in the African Region<https://afro.who.int/publications/reaching-every-district-red-guide-increasing-coverage-and-equity-all-communities>  | ✓ |  |  |  |
| **Global Vaccine Action Plan,****and African Regional Strategic Plans** | African Regional Strategic Plan for Immunization 2014-2020<http://apps.who.int/iris/handle/10665/204373>  | ✓ |  |  |  |
| Global Vaccine Action Plan 2011-2020<http://www.who.int/immunization/global_vaccine_action_plan/en/>  | ✓ | ✓ |  |  |
| Roadmap for Implementing the Addis Declaration on Immunization: Advocacy, Action, and Accountability – March 2017 <http://immunizationinafrica2016.org/>  | ✓ | ✓ |  | ✓(AR, PT) |
| SAGE assessment report, GVAP Secretariat annual report, GVAP regional reports, 2017<https://www.who.int/immunization/global_vaccine_action_plan/sage_assessment_reports/en/>  | ✓ | ✓ | ✓ | ✓(AR, RU) |
| **Health Systems Strengthening** | Aligning Public Financial Management and Health Financing<https://www.who.int/health_financing/documents/aligning-pfm-health-financing/en/> | ✓ |  |  |  |
| A System-Wide Approach to Analysing Efficiency Across Health ProgrammesTowards Universal Health Coverage: Thinking Public<https://apps.who.int/iris/handle/10665/254644> | ✓ |  |  |  |
| Developing a National Health Financing Strategy: Reference Guide<https://apps.who.int/iris/bitstream/handle/10665/254680/9789241512039-eng.pdf?sequence=1>  | ✓ |  |  |  |
| **Hepatitis B** | A Guide for Introducing Hepatitis B Birth Dose Vaccination – 2016<http://www.who.int/immunization/documents/general/ISBN9789241509831/en/>  | ✓ | ✓ | ✓ | ✓ (AR) |
| Documenting the impact of hepatitis B immunization: Best practices for conducting a serosurvey – 2012<http://www.who.int/immunization/documents/who_ivb_11.08/en/> | ✓ | ✓ |  | ✓ (AR) |
| Practices to improve coverage of the hepatitis B birth dose vaccine – 2013<http://www.who.int/immunization/documents/control/who_ivb_12.11/en/>  | ✓ | ✓ |  | ✓ (AR) |
| Sample design and procedures for Hepatitis B immunization surveys: A companion to the WHO cluster survey reference manual – 2011<http://www.who.int/immunization/documents/monitoring/WHO_IVB_11.12/en/> | ✓ |  |  |  |
| WHO position paper on Hepatitis B vaccines – updated July 2017<http://www.who.int/wer/2017/wer9227/en/> | ✓ | ✓ |  | ✓ (RU) |
| **Hib** | *Haemophilus influenzae* type b (Hib) Vaccination Position Paper – September 2013 <http://www.who.int/wer/2013/wer8839.pdf?ua=1> | ✓ | ✓ |  |  |
| Estimating the local burden of Hib disease preventable by vaccination: rapid assessment tool – 2001<http://www.who.int/immunization/documents/WHO_VB_01.27/en/>  | ✓ |  |  | ✓ (RU) |
| Introduction of Hib vaccine into immunization programmes: management guidelines, including information for health workers and parents – 2000<http://www.who.int/immunization/documents/WHO_VB_00.05/en/> | ✓ | ✓ |  | ✓ (AR, CH, RU) |
| Measuring impact of *Streptococcus pneumoniae* and *Haemophilus influenzae* type b conjugate vaccination – 2012<http://www.who.int/immunization/documents/WHO_IVB_12.08/en/> | ✓ | ✓ |  |  |
| **HPV** | HPV Communications: Special considerations for a unique vaccine (2016)<http://www.who.int/immunization/documents/WHO_IVB_16.02/en/> | ✓ | ✓ |  |  |
| PRIME cost effectiveness tool: <http://primetool.org/> (online only) | ✓ |  |  |  |
| Scaling up HPV vaccine Introduction (2016)<http://www.who.int/immunization/diseases/hpv/scaling-up-intro/en/> | ✓ | ✓ |  |  |
| WHO Cervical Cancer Prevention and Control costing tool (C4P) <http://www.who.int/immunization/diseases/hpv/cervical_cancer_costing_tool/en/>  | ✓ | ✓ |  |  |
| WHO Guide to Introducing HPV Vaccine into National Programmes (2016)<http://www.who.int/immunization/documents/ISBN_9789241549769/en/> | ✓ | ✓ |  |  |
| WHO position paper on HPV vaccines – updated May 2017 [www.who.int/immunization/policy/position\_papers/hpv/en/](http://www.who.int/immunization/policy/position_papers/hpv/en/) | ✓ | ✓ |  |  |
| HPV Vaccine Introduction Clearing House – updated 2018!<http://www.who.int/immunization/hpv/en/>  | ✓ |  |  |  |
| **Immunization Practices Advisory Committee (IPAC)** | Immunization Practices Advisory Committee (IPAC)<http://www.who.int/immunization/programmes_systems/policies_strategies/ipac/en> | ✓ |  |  |  |
| IPAC Meeting Reports<http://www.who.int/immunization/programmes_systems/policies_strategies/IPAC-archived-reports/en/> | ✓ |  |  |  |
| **Immunological Basis for Immunization** | Immunological Basis for Immunization (date varies by disease)<http://www.who.int/immunization/documents/immunological_basis_series/en/>  | ✓ |  |  |  |
| **Integration** | Best practices literature review: Integrated delivery of child survival interventions. (Power point) – available upon request | ✓ |  |  |  |
| Compilation of findings from a literature review on integration (Word doc.) – available upon request | ✓ |  |  |  |
| Global Action Plan for Pneumonia and Diarrhea<http://www.who.int/woman_child_accountability/news/gappd_2013/en/>  | ✓ |  |  |  |
| Working Together: resource guide on policies and strategies for integrating various health services with immunization throughout the life-course (2018)<https://www.who.int/immunization/documents/ISBN_9789241514736/en/> | ✓ |  |  |  |
| **Immunization and vaccines related implementation research advisory committee** **(IVIR-AC)** | Immunization and vaccines related implementation research advisory committee (IVIR-AC) <https://www.who.int/immunization/research/committees/ivir_ac/en/>  | ✓ |  |  |  |
| IVIR-AC Meeting reports <https://www.who.int/immunization/research/committees/ivir_ac/en/index4.html>  | ✓ |  |  |  |
| **Japanese encephalitis (JE)** | WHO Position Paper on Japanese encephalitis vaccines – February 2015<http://www.who.int/immunization/policy/position_papers/japanese_encephalitis/en/> | ✓ | ✓ |  |  |
| **Malaria vaccine** | First malaria vaccine in Africa: A potential new tool for child health and improved malaria control – April 2018 <http://www.who.int/malaria/publications/atoz/first-malaria-vaccine/en/>  | ✓ |  |  |  |
| Q&A on the malaria vaccine implementation programme (MVIP)<http://www.who.int/malaria/media/malaria-vaccine-implementation-qa/en/>  | ✓ |  |  |  |
| Q&A on the Phase 3 trial results for malaria vaccine RTS,S/AS01<http://www.who.int/malaria/media/rtss-phase-3-trial-qa/en/>  | ✓ |  |  |  |
| WHO position paper on malaria vaccine and summary of key points<http://www.who.int/immunization/policy/position_papers/malaria/en/>  | ✓ | ✓ |  |  |
| **Measles and rubella** | Framework for verifying MR elimination – March 2013<http://www.who.int/wer/2013/wer8809.pdf?ua=1> | ✓ | ✓ |  |  |
| Guidance Note: Criteria to determine if a vaccine is routine or supplemental – 2011 [www.who.int/immunization/programmes\_systems/policies\_strategies/guidance\_note\_on\_vaccination\_doses\_oct\_10\_2011.pdf](http://www.who.int/immunization/programmes_systems/policies_strategies/guidance_note_on_vaccination_doses_oct_10_2011.pdf) | ✓ |  |  |  |
| Guide to Introducing a Second Dose of Measles Vaccine into Routine Immunization Schedules – August 2013 <http://www.who.int/immunization/documents/WHO_IVB_13.03/en/>  | ✓ | ✓ |  |  |
| Guide to introducing rubella vaccine into national immunization programmes – September 2015 <http://www.who.int/immunization/documents/who_ivb_15.07/en/>  | ✓ | ✓ |  |  |
| Guide to planning and implementing high-quality supplementary immunization activities (SIAs) for injectable vaccines – 2016 <http://www.who.int/immunization/diseases/measles/SIA-Field-Guide.pdf> | ✓ | ✓ |  |  |
| Global Measles and Rubella Strategic Plan 2012-2020<http://www.who.int/immunization/documents/control/ISBN_978_92_4_150339_6/en/> | ✓ |  |  |  |
| Manual for the Laboratory-based Surveillance of Measles, Rubella, and Congenital Rubella Syndrome – 2018 *(online only)*<http://www.who.int/immunization/monitoring_surveillance/burden/laboratory/manual/en/>  | ✓ |  |  |  |
| Measles risk assessment tools – 2015 <http://www.who.int/immunization/monitoring_surveillance/routine/measles_assessment/en/> | ✓ | ✓ |  |  |
| Response to measles outbreaks in measles mortality reduction settings<http://www.who.int/immunization/documents/WHO_IVB_09.03/en/> | ✓ |  |  |  |
| SIA readiness assessment tool: dashboard and excel sheets <http://www.who.int/immunization/diseases/measles/en/> | ✓ | ✓ |  |  |
| WHO position paper on measles vaccines – updated April 2017[www.who.int/immunization/policy/position\_papers/measles/en/](http://www.who.int/immunization/policy/position_papers/measles/en/) | ✓ | ✓ |  |  |
| WHO position paper on rubella vaccines – July 2011<http://www.who.int/immunization/policy/position_papers/rubella/en/> | ✓ | ✓ |  |  |
| **Meningitis** | Epidemic meningitis surveillance in the African meningitis belt, deciding on the most appropriate approach – 2014<http://www.who.int/csr/resources/publications/meningitis/HSE_PED_CED_2014/en/> | ✓ | ✓ |  |  |
| Investigation of *N. meningitidis* Serogroup A Case in Meningitis Belt – 2017<http://www.who.int/emergencies/diseases/meningitis/investigation-Nm-A-case/en/> | ✓ | ✓ |  |  |
| Meningitis outbreak response in sub-Saharan Africa – 2014<http://www.who.int/csr/resources/publications/meningitis/guidelines2014/en/> | ✓ |  |  |  |
| Meningococcal A conjugate vaccine: updated guidance - February 2015 <http://www.who.int/wer/2015/wer9008.pdf>  | ✓ | ✓ |  |  |
| Meningococcal vaccines: WHO position paper - November 2011<http://www.who.int/wer/2011/wer8647.pdf>  | ✓ | ✓ |  |  |
| Use of MenAfriVac™ (meningitis A vaccine) in a controlled temperature chain (CTC) during campaigns – Aug 2013<http://www.who.int/immunization/documents/WHO_IVB_13.04_5_6/en/>  (Guidance document, training materials, facilitators guide)  | ✓ | ✓ |  |  |
| WHO Surveillance tools for meningitis sentinel hospital surveillance – 2015<http://apps.who.int/iris/handle/10665/173697?locale=ru> | ✓ |  |  |  |
| **Missed opportunities for vaccination (MOV)** | Methodology for the Assessment of Missed Opportunities for Vaccination – October 2017<http://www.who.int/immunization/documents/WHO_IVB_ISBN9789241512954/en/> | ✓ | ✓ |  | ✓(PT) |
| MOV website: <http://www.who.int/immunization/programmes_systems/policies_strategies/MOV/en/>  | ✓ | ✓ |  | ✓(PT) |
| Planning Guide to Reduce Missed Opportunities for Vaccination (MOV) – October 2017 <http://www.who.int/immunization/documents/WHO_IVB_ISBN9789241512947/en/> | ✓ | ✓ |  | ✓ (PT) |
| **Monitoring, data and coverage** | Assessing and Improving the Accuracy of Target Population Estimates for Immunization Coverage (2015 working draft)<http://www.who.int/entity/immunization/monitoring_surveillance/data/Denominator_guide.pdf>  | ✓ |  |  |  |
| Civil registration and vital statistics (CRVS) tools<http://www.who.int/healthinfo/civil_registration/en/> | ✓ |  |  |  |
| Data quality audit (DQA) – 2003<http://apps.who.int/iris/bitstream/handle/10665/68462/WHO_V-B_03.19_eng.pdf?sequence=1> | ✓ |  |  |  |
| Data quality review: a toolkit for facility data quality assessment– 2017<http://www.who.int/healthinfo/tools_data_analysis/dqr_modules/en/>  | ✓ |  |  |  |
| Data quality self-assessment (DQS) – 2005<http://www.who.int/immunization/monitoring_surveillance/routine/coverage/DQS_tool.pdf> | ✓ |  |  |  |
| Guidelines for Accurate and Transparent Health Estimates Reporting (GATHER)<http://gather-statement.org> (The checklist is available in Arabic, Chinese, English, French, Russian and Spanish) | ✓ | ✓ | ✓ | ✓ (PT) |
| Global Immunization Summary (2018 edition)<http://www.who.int/immunization/monitoring_surveillance/data/en/> (An application for mobile devices with all immunization data is also available in six languages) | ✓ |  |  |  |
| Handbook on the collection, assessment, and use of immunization data -DRAFT June 2018 – available upon request at vpdata@who.int  | ✓ |  |  |  |
| I-Learning Module on monitoring immunization coverageAn e-learning module describes how to monitor immunization coverage, the ways to assess data quality, and how to interpret and use that data for action can be found here:  <https://extranet.who.int/elearn/login/index.php> The course takes about two hours and will help you refresh important concepts.  | ✓ |  |  |  |
| Immunization in Practice. Module 6. Monitoring and Surveillance<http://apps.who.int/iris/bitstream/10665/193412/1/9789241549097_eng.pdf> | ✓ | ✓ |  |  |
| Practical guide for the design, use, and promotion of home-based records in immunization programmes – June 2015 <http://www.who.int/immunization/monitoring_surveillance/routine/homebasedrecords/en/>  | ✓ | ✓ |  |  |
| WHO recommendations on home-based records for maternal, newborn and child health – 2018 <https://www.who.int/maternal_child_adolescent/documents/home-based-records-guidelines/en/>  | ✓ | ✓ |  |  |
| Vaccination Coverage Cluster Survey Reference Manual (2018) <http://www.who.int/immunization/documents/who_ivb_18.09/en/> (*French available upon request* *vpdata@who.int**)* | ✓ | ✓ |  |  |
| Practical `How-to’ guides for vaccination coverage surveys<https://www.who.int/immunization/monitoring_surveillance/routine/coverage/en/index2.html>  | ✓ |  |  |  |
| **Mumps** | WHO Position Paper Mumps Virus Vaccine – February 2007<http://www.who.int/immunization/documents/positionpapers/en/> | ✓ | ✓ |  |  |
| **National Immunization Technical Advisory Groups (NITAGs)** | A global look at national Immunization Technical Advisory Groups<http://www.nitag-resource.org/media-center/document/249-a-global-look-at-national-immunization-technical-advisory-groups>  | ✓ | ✓ | ✓ | ✓ (PT, RU) |
| Global NITAG Network – First meeting report – April 2017<http://www.nitag-resource.org/media-center/document/3864>  | ✓ |  |  |  |
| Global NITAG Network – Second meeting report – Oct 2017<http://www.nitag-resource.org/uploads/media/default/0001/04/d80c0aedb9c5e84c3abbeae304c03d3144ee6320.pdf>  | ✓ |  |  |  |
| Guidelines for defining NITAG annual work plan<http://www.nitag-resource.org/media-center/document/698-guidelines-for-defining-nitag-annual-work-plan>  | ✓ | ✓ |  | ✓(RU) |
| Indicators to assess NITAGs<http://www.nitag-resource.org/media-center/document/688>  | ✓ | ✓ | ✓ | ✓ (PT, RU) |
| Informing decision makers: Experience and process of 15 National Immunization Technical Advisory Groups<http://www.nitag-resource.org/media-center/document/247-informing-decision-makers-experience-and-process-of-15-national-immunization-technical-advisory-groups>  | ✓ |  | ✓ | ✓ (PT, RU) |
| NITAGs: Guidance for their establishment and strengthening<http://www.nitag-resource.org/media-center/document/250-national-immunization-technical-advisory-groups-nitags-guidance-for-their-establishment-and-strengthening>  | ✓ | ✓ | ✓ | ✓(RU) |
| Resource Center for National Immunization Technical Advisory Groups (NITAGs) worldwide <http://www.nitag-resource.org/>  | ✓ | ✓ | ✓ | ✓(RU) |
| Supporting countries in establishing and strengthening NITAGs: Lessons learned from 5 years of the SIVAC initiative<http://www.nitag-resource.org/media-center/document/805-supporting-countries-in-establishing-and-strengthening-nitags-lessons-learned-from-5-years-of-the-sivac-initiative>  | ✓ | ✓ | ✓ | ✓(RU) |
| The role of NITAGs in strengthening national vaccine decision-making: A comparative case study of Armenia, Ghana, Indonesia, Nigeria, Senegal and Uganda<https://www.ncbi.nlm.nih.gov/pubmed/30076103>  | ✓ |  |  |  |
| **Pertussis** | Generic protocol for estimating burden of Pertussis in young children – 2005<http://www.who.int/immunization/documents/WHO_IVB_05.15/en/> | ✓ |  |  |  |
| Laboratory Manual for Pertussis – 2014<http://apps.who.int/iris/handle/10665/127891> | ✓ |  |  |  |
| WHO position paper on Pertussis vaccines – August 2015<http://www.who.int/wer/2015/wer9035.pdf>  | ✓ | ✓ |  |  |
| **Planning and financing**  | A guide for conducting an Expanded Programme on Immunization (EPI) Review – January 2018 <http://www.who.int/immunization/documents/WHO_IVB_17.17/en/>  | ✓ |  |  | ✓(RU) |
| Guidelines for developing a comprehensive multi-year plan (cMYP) – 2013 <http://www.who.int/immunization/programmes_systems/financing/tools/cmyp/en/>  | ✓ | ✓ |  | ✓(RU) |
| Immunization financing: A resource guide for advocates, policymakers, and programme managers – 2017 <http://immunizationfinancing.org/>  | ✓ |  |  |  |
| Immunization financing tools<http://www.who.int/immunization/programmes_systems/financing/tools/en/> | ✓ |  |  |  |
| **Pneumococcal** | Characteristics of different presentations of Pneumococcal Conjugate Vaccines (ppt) – March 2017  | ✓ |  |  |  |
| Information note: Handling the change in product manufacturer and presentation – March 2017  | ✓ |  |  |  |
| PCV 4-dose vial presentations FAQs – March 2017 | ✓ |  |  |  |
| WHO position paper on Pneumococcal vaccines – April 2012<http://www.who.int/wer/2012/wer8714.pdf> | ✓ | ✓ |  |  |
| **Polio**  | Classification and reporting of VDPVs – 2016<http://polioeradication.org/wp-content/uploads/2016/09/Reporting-and-Classification-of-VDPVs_Aug2016_EN.pdf> | ✓ |  |  |  |
| Containment Certification Scheme to support the WHO Global Action Plan for Poliovirus Containment (GAPIII-CCS)<http://polioeradication.org/polio-today/preparing-for-a-polio-free-world/containment/containment-resources/>  | ✓ | ✓ | ✓ | ✓(AR, CH, PT, RU) |
| Fractional dose IPV decision-making summary guide <http://www.who.int/immunization/diseases/poliomyelitis/endgame_objective2/inactivated_polio_vaccine/fractional_dose/en/>  | ✓ | ✓ |  |  |
| Global Polio Eradication Initiative (GPEI) Tools, Protocols and Guidelines<http://polioeradication.org/tools-and-library/resources-for-polio-eradicators/gpei-tools-protocols-and-guidelines/> | ✓ |  |  |  |
| Guide to introducing IPV into routine immunization programmes<http://www.who.int/immunization/diseases/poliomyelitis/endgame_objective2/inactivated_polio_vaccine/en/>  | ✓ | ✓ |  |  |
| Polio Eradication and Endgame Strategic Plan 2013-2018<http://polioeradication.org/who-we-are/strategy/>  | ✓ | ✓ |  |  |
| Polio laboratory manual, 4th edition – 2004<http://www.who.int/immunization/documents/WHO_IVB_04.10/en/>Supplements 1 & 2<http://polioeradication.org/wp-content/uploads/2017/05/NewAlgorithmForPoliovirusIsolationSupplement1.pdf><http://polioeradication.org/wp-content/uploads/2017/05/AdaptationOfCellsSupplement2.pdf> | ✓ |  |  |  |
| Polio Post-Certification Strategy – 2018http://polioeradication.org/polio-today/preparing-for-a-polio-free-world/transition-planning/polio-post-certification-strategy/ | ✓ | ✓ | ✓ | ✓ (AR, CH, RU) |
| SOP: Responding to a Poliovirus Outbreak or Event (Parts 1 and 2) – updated January 2018<http://polioeradication.org/tools-and-library/resources-for-polio-eradicators/gpei-tools-protocols-and-guidelines/>  | ✓ |  |  |  |
| WHO Polio vaccine position paper – March 2016<http://www.who.int/wer/2016/wer9112.pdf>  | ✓ | ✓ |  |  |
| **Private sector** | Engagement of private/nongovernmental health providers in immunization service delivery – 2017 <http://www.who.int/immunization/documents/policies/WHO_IVB_17.15/en/>  | ✓ | ✓ |  | ✓ (RU) |
| **Rabies** | WHO Expert Consultation on Rabies, 2nd report – 2013<http://apps.who.int/iris/bitstream/handle/10665/85346/9789240690943_eng.pdf?sequence=1> | ✓ |  |  |  |
| WHO position paper on Rabies vaccines – April 2018<http://www.who.int/wer/2018/wer9316/en/>  | ✓ | ✓ |  |  |
| **Rotavirus** | Generic protocol for monitoring impact of rotavirus vaccination on gastroenteritis disease burden and viral strains – 2009<http://www.who.int/immunization/documents/WHO_IVB_08.16/en/> | ✓ |  |  |  |
| Information Bulletin: Change in vaccine vial monitor assignment for Rotarix – March 2017<https://www.who.int/immunization/programmes_systems/service_delivery/EN_Information_Bulletin_Rotarix_change.pdf?ua=1>  | ✓ | ✓ |  |  |
| Post-marketing surveillance of rotavirus vaccine safety – 2009https://apps.who.int/iris/handle/10665/70017?locale=zh&null  | ✓ |  |  |  |
| WHO Manual of rotavirus detection and characterization methods – 2009 https://apps.who.int/iris/handle/10665/70122  | ✓ |  |  |  |
| WHO position paper on Rotavirus vaccines – January 2013<http://www.who.int/wer/2013/wer8805.pdf>  | ✓ | ✓ |  |  |
| **Routine immunization and vaccine introduction** | Standard Competencies Framework for the Immunization Workforce<https://www.who.int/immunization/programmes_systems/workforce/standard_competencies_framework/en/> | ✓ | ✓ |  |  |
| Global Routine Immunization Strategies and Practices (GRISP) – 2016 <http://www.who.int/immunization/programmes_systems/policies_strategies/GRISP/en/>  | ✓ | ✓ |  |  |
| New Vaccine Post-Introduction Evaluation Tool – 2003<http://www.who.int/immunization/documents/WHO_IVB_10.03/en/> | ✓ | ✓ |  |  |
| Periodic Intensification of Routine Immunization (PIRI): Lessons learned and implications for action – 2009<http://www.who.int/immunization/programmes_systems/policies_strategies/piri_020909.pdf>  | ✓ |  |  |  |
| Principles and considerations for adding a vaccine to a national immunization programme – 2014 <http://www.who.int/immunization/programmes_systems/policies_strategies/vaccine_intro_resources/nvi_guidelines/en/>  | ✓ | ✓ | ✓ | ✓(AR, CH, PT, RU) |
| WHO position paper on reducing pain at the time of vaccination – September 2015<http://www.who.int/wer/2015/wer9039.pdf>  | ✓ | ✓ |  |  |
| WHO recommendations for routine immunization: summary tables – updated August 2018<http://www.who.int/immunization/policy/immunization_tables/en/>  | ✓ | ✓ |  |  |
| **Strategic Advisory Group of Experts [on immunization]****(SAGE) meetings** | SAGE Meeting, April 2017 – conclusions and recommendations. WER, May 2017<http://www.who.int/wer/2017/wer9222/en/> | ✓ | ✓ |  |  |
| SAGE Meeting, October 2017 – conclusions and recommendations. WER, December 2017 <http://apps.who.int/iris/bitstream/10665/259533/1/WER9248.pdf> | ✓ | ✓ |  |  |
| SAGE Meeting, April 2018 – conclusions and recommendations. WER, June 2018<http://apps.who.int/iris/bitstream/handle/10665/272782/WER9323.pdf> | ✓ | ✓ |  |  |
| SAGE Meeting, October 2018 – conclusions and recommendations. WER Dec 2018<https://apps.who.int/iris/bitstream/handle/10665/276544/WER9349.pdf?ua=1>  | ✓ | ✓ |  |  |
| SAGE Meeting Reports<http://www.who.int/immunization/policy/sage/en/> | ✓ | ✓ |  |  |
| **School-based & life-course vaccination** | Considerations regarding consent in vaccinating children and adolescents –2014<http://www.who.int/immunization/programmes_systems/policies_strategies/consent_note/en/>  | ✓ | ✓ | ✓ | ✓(RU) |
| Global Accelerated Action for the Health of Adolescents (AA-HA!): guidance to support country implementation – 2017<http://www.who.int/maternal_child_adolescent/topics/adolescence/framework-accelerated-action/en/> | ✓ | ✓ | ✓ | ✓(PT) |
| Global Strategy for Women’s, Children’s & Adolescents’ Health, 2016–2030<https://www.who.int/life-course/publications/global-strategy-2016-2030/en/>  | ✓ | ✓ | ✓ | ✓(CH, RU) |
| School Vaccination Readiness Assessment Tool – 2013<http://www.who.int/immunization/programmes_systems/policies_strategies/school_assessment_tool/en/>  | ✓ | ✓ |  |  |
| **Second Year of Life (2YL)** | Establishing and strengthening immunization in the second year of life – 2018 <http://www.who.int/immunization/documents/WHO_IVB_ISBN9789241513678/en/>  | ✓ | ✓ |  | ✓ (PT) |
| **Supply chain and logistics**  | Achieving immunization targets with the comprehensive effective vaccine management (EVM) framework – 2016 <http://www.who.int/immunization/documents/general/WHO_IVB_16.09> | ✓ |  |  |  |
| Cold room temperature mapping studies – June 2018<http://www.who.int/immunization/documents/WHO_IVB_18.05/en/>  | ✓ |  |  |  |
| EVM Global Data Analysis 2009-2016 - updated Nov 2017 <http://www.who.int/immunization/programmes_systems/supply_chain/evm/en/index4.html> |  |  |  |  |
| Guidance Note: How to Develop a Continuous Improvement Plan (cIP) – June 2018<http://www.who.int/immunization/documents/WHO_IVB_18.10/en/> | ✓ | ✓ |  |  |
| Immunization supply chain and logistics - A neglected but essential system for national immunization programmes. A Call-to-Action. – 2014 <http://www.who.int/immunization/documents/WHO_IVB_14.05/en/>  | ✓ | ✓ |  |  |
| Off-label use of vaccines (publication 2017)<https://www.sciencedirect.com/science/article/pii/S0264410X17302694>  | ✓ |  |  |  |
| Perception of health workers on the use of remote temperature monitoring systems – June 2018<http://www.who.int/immunization/documents/WHO_IVB_18.03/en/>  | ✓ |  |  |  |
| Perception of health workers on the use of 30-day temperature recorders – June 2018 <http://www.who.int/immunization/documents/WHO_IVB_18.02/en/>  | ✓ |  |  |  |
| Solar direct-drive vaccine refrigerators and freezers – March 2017<http://www.who.int/immunization/documents/general/WHO_IVB_17.01> | ✓ |  |  |  |
| System design approach to improve the immunization supply chain – June 2018<http://www.who.int/immunization/documents/WHO_IVB_18.01/en/>  | ✓ |  |  |  |
| Technet-21: a technical network for strengthening immunization services<http://www.technet-21.org/>  | ✓ | ✓ |  |  |
| Temperature monitoring study: a fully documented process to detect weaknesses in the supply chain – June 2018<http://www.who.int/immunization/documents/WHO_IVB_18.04/en/>  | ✓ |  |  |  |
| WHO guidance note: Vaccine diluents (2015 revision)<http://www.who.int/immunization/documents/who_ivb_15.08/en/> | ✓ | ✓ |  |  |
| WHO Policy Statement: Multi-dose Vial Policy (MDVP) (2014 revision)<http://www.who.int/immunization/documents/general/WHO_IVB_14.07/en> | ✓ | ✓ |  |  |
| WHO Vaccine Management Handbook Modules – 2017<http://www.who.int/immunization/programmes_systems/supply_chain/evm/en/index5.html> [EVM Standard Operating Procedure](http://www.who.int/immunization/programmes_systems/supply_chain/evm/en/index2.html)[EVM assessment tools and user guides](http://www.who.int/immunization/programmes_systems/supply_chain/evm/en/index3.html) | ✓ | ✓ |  |  |
| **Tetanus** | Achieving and sustaining maternal and neonatal elimination: strategic plan 2012–2015<http://www.who.int/immunization/diseases/MNTEStrategicPlan_E.pdf> | ✓ |  |  |  |
| Field manual for neonatal tetanus elimination – 1999<http://apps.who.int/iris/bitstream/handle/10665/83323/WHO_V-B_99.14_eng.pdf?sequence=1> | ✓ |  |  |  |
| Protecting all: sustaining maternal and neonatal tetanus elimination guide (2019)<https://www.who.int/immunization/diseases/MNTE_initiative/en/>  |  |  |  |  |
| Protocol for assessing neonatal tetanus mortality in the community using a combination of cluster and lot quality assurance sampling – 2002<http://apps.who.int/iris/bitstream/handle/10665/67193/WHO_V-B_02.05_eng.pdf?sequence=1> | ✓ |  |  |  |
| Replacement of TT with Td vaccine – July 2018: * WHO/UNICEF Joint Communique – Replacement of TT with Td vaccine for dual protection
* Supporting Guidance Note – Ensuring Sustained Protection Against Diphtheria: Replacing TT with Td
* Frequently Asked Questions and Answers on the Replacement of TT with Td.

<http://www.who.int/immunization/diseases/tetanus/en/>  | ✓✓✓ | ✓✓✓ |  |  |
| Tetanus serosurvey guidance – 2018 <http://www.who.int/immunization/monitoring_surveillance/burden/vpd/WHO_SurveillanceVaccinePreventable_25_Annex2_BW_R1.pdf?ua=1> | ✓ |  |  |  |
| WHO position paper on Tetanus vaccines – February 2017<http://apps.who.int/iris/bitstream/10665/254582/1/WER9206.pdf>  | ✓ | ✓ |  |  |
| **Training and e-Learning** | Effective Vaccine Management (EVM) training resources<http://www.who.int/immunization/programmes_systems/supply_chain/evm/en/index1.html> | ✓ | ✓ |  |  |
| E-Learning Module on Monitoring Immunization Coverage<https://extranet.who.int/elearn/login/index.php> | ✓ | ✓ |  |  |
| Global Mid-level Management modules (MLM) – 2008 update<http://www.who.int/immunization/documents/training/en/> | ✓ | ✓ |  |  |
| Immunization in Practice (Health Facility Guide)– 2015 update <http://www.who.int/immunization/documents/training/en/>  | ✓ | ✓ |  |  |
| Reaching Every District (RED) Strategy – 2009<http://www.who.int/immunization/documents/training/en/>  | ✓ | ✓ |  |  |
| The CDC field epidemiology manual (Fourth edition, 2019)<https://www.cdc.gov/eis/field-epi-manual/chapters.html>  | ✓ |  |  |  |
| Vaccine Safety Basics – 2013<http://www.who.int/vaccine_safety/initiative/tech_support/ebasic/en/> | ✓ | ✓ |  |  |
| Vaccination in humanitarian emergencies – eTool and eLearning course<http://www.who.int/immunization/programmes_systems/policies_strategies/vaccination_humanitarian_emergencies/en/> | ✓ |  |  |  |
| **Typhoid** | Consultation on typhoid vaccine introduction and typhoid surveillance – 2011<http://www.who.int/immunization/documents/who_ivb_12.02/en/> | ✓ |  |  |  |
| WHO position paper on Typhoid vaccines – April 2018<http://apps.who.int/iris/bitstream/handle/10665/272272/WER9313.pdf>  | ✓ | ✓ |  |  |
| **Vaccine Safety** | Global Advisory Committee on Vaccine Safety <https://www.who.int/vaccine_safety/committee/en/>  | ✓ |  |  |  |
| The Global Vaccine Safety Initiative (GVSI) <https://www.who.int/vaccine_safety/initiative/en/>  | ✓ | ✓ |  |  |
| Vaccine Safety Basics – 2013<http://www.who.int/vaccine_safety/initiative/tech_support/ebasic/en/> | ✓ | ✓ |  |  |
| **Vaccination & Surveillance in Humanitarian Emergencies** | A field manual - Communicable disease control in emergencies – 2005<http://www.who.int/diseasecontrol_emergencies/publications/9241546166/en/> | ✓ |  |  |  |
| Outbreak surveillance and response in humanitarian emergencies: WHO guidelines for EWARN implementation – 2012<http://www.who.int/diseasecontrol_emergencies/publications/who_hse_epr_dce_2012.1/en/> | ✓ |  |  |  |
| Vaccination in acute humanitarian emergencies: a framework for decision making – May 2017<http://www.who.int/immunization/documents/who_ivb_17.03/en/>  | ✓ | ✓ |  |  |
| Vaccination in humanitarian emergencies: implementation guide – July 2017<http://www.who.int/immunization/documents/general/who_ivb_17.13/en/>  | ✓ | ✓ |  |  |
| Vaccination in humanitarian emergencies – eTool and eLearning course<http://www.who.int/immunization/programmes_systems/policies_strategies/vaccination_humanitarian_emergencies/en/> | ✓ |  |  |  |
| **Varicella/ Herpes Zoster** | WHO Position Paper on Varicella & Herpes Zoster – June 2014<http://www.who.int/immunization/documents/positionpapers/en/> | ✓ | ✓ |  |  |
| **Vaccine Prices Products and Procurement (V3P) and Market Information for Access (MI4A)** | Global Market Update: BCG Vaccine – April 2017<http://www.who.int/immunization/programmes_systems/procurement/v3p/platform/WHO_BCG_vaccine_global_market_update.pdf> | ✓ |  |  |  |
| Global Market Study: Diphtheria & Tetanus Containing Vaccines – January 2018<http://www.who.int/immunization/programmes_systems/procurement/v3p/platform/WHO_DT_global_market_study.pdf> | ✓ |  |  |  |
| Global Market Study: HPV – September 2018<https://www.who.int/immunization/sage/meetings/2018/october/11_HPV_Market_Study_Public_Summary_Sep_15_2018.pdf?ua=1>  | ✓ |  |  |  |
| MI4A Global Vaccine Market Report – October 2018<http://origin.who.int/immunization/programmes_systems/procurement/v3p/platform/module2/MI4A_Global_Vaccine_Market_Report.pdf>  | ✓ |  |  |  |
| MI4A Project Overview – March 2018 <http://www.who.int/immunization/programmes_systems/procurement/v3p/platform/MI4A_Project_Overview.pdf>  | ✓ |  |  |  |
| MI4A 2017 Vaccine Purchase Data – cover note for countries – October 2018<http://origin.who.int/immunization/programmes_systems/procurement/v3p/platform/module2/MI4A_2017_Vaccine_Purchase_Data_Cover_Note_Countries.pdf>  | ✓ |  |  |  |
| V3P: PCV Fact sheet – February 2018<http://www.who.int/immunization/programmes_systems/procurement/v3p/platform/module2/PCV_fact_sheet.pdf> | ✓ |  |  |  |
| V3P: Regional Fact sheets – November 2017<http://www.who.int/immunization/programmes_systems/procurement/v3p/platform/module2/en/>  | ✓ |  |  |  |
| V3P: Rotavirus Fact sheet – February 2018<http://www.who.int/immunization/programmes_systems/procurement/v3p/platform/module2/rota_fact_sheet.pdf> | ✓ |  |  |  |
| V3P Update: Improving Access to Affordable Vaccines in Middle Income Countries (PPT presentation, RITAG December 2017) | ✓ |  |  |  |
| Vaccine Price Report, 2017 (in: GVAP Secretariat Report)<http://www.who.int/immunization/programmes_systems/procurement/v3p/platform/module2/en/> | ✓ |  |  |  |
| Vaccine Pricing: Gavi transitioning countries<https://www.who.int/immunization/programmes_systems/procurement/v3p/platform/module2/Factsheet_vacc_pricing_Gavi_transitioning_2017.pdf>  | ✓ |  |  |  |
| **Vaccine-preventable Disease (VPD) Surveillance** | Global framework for immunization monitoring and surveillance – 2007<http://www.who.int/immunization/documents/WHO_IVB_07.06/en/> | ✓ | ✓ |  |  |
| Global Laboratory Networks<http://www.who.int/immunization/monitoring_surveillance/burden/laboratory/en/> | ✓ | ✓ |  |  |
| NUVI - Resources for monitoring and surveillance<http://www.who.int/immunization/monitoring_surveillance/resources/NUVI/en/> | ✓ | ✓ |  |  |
| Surveillance Standards for Vaccine Preventable Diseases (2018 revision)<http://www.who.int/immunization/monitoring_surveillance/burden/vpd/standards/en/> | ✓ | ✓ |  |  |
| WHO manual for organizing a national external quality assessment programme for health laboratories and other testing sites – 2016<http://www.who.int/hiv/pub/toolkits/manual-external-quality-assessment-testing/en/> | ✓ | ✓ |  |  |
| **WHO:****general** | Thirteenth General Programme of Work <http://www.who.int/about/what-we-do/gpw-thirteen-consultation/en/>  | ✓ | ✓ | ✓ | ✓(AR, CH, RU) |
| WHO Accountability Framework – March 2015<https://www.who.int/about/finances-accountability/accountability/accountability-framework.pdf>  | ✓ |  |  |  |
| WHO Mission and Vision in Immunization and Vaccines<http://www.who.int/immunization/documents/general/WHO_mission_vision_immunization_vaccines_2015_2030/en/>  | ✓ |  |  |  |
| WHO: The Global Guardian of Public Health <http://www.who.int/about/what-we-do/global-guardian-public-health/en/> | ✓ |  |  |  |
| **Yellow fever** | Global Strategy to Eliminate Yellow Fever Epidemics (EYE) - Background document to SAGE, 2016-<http://www.who.int/immunization/sage/meetings/2016/october/2_EYE_Strategy.pdf>  | ✓ |  |  |  |
| Global Strategy to Eliminate Yellow Fever Epidemics (EYE) – 2017-2026 <http://apps.who.int/iris/bitstream/10665/255040/1/WER9216.pdf> | ✓ | ✓ |  |  |
| WHO Position Paper on the use of fractional dose of yellow fever vaccine - June 2017<http://www.who.int/wer/2017/wer9225/en/>  | ✓ | ✓ |  |  |
| WHO Position Paper on Yellow Fever vaccines – July 2013<http://www.who.int/immunization/documents/positionpapers/en/> | ✓ | ✓ |  |  |