

Update on WHO Public Assessment Reports

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Joint Meeting 2– 6 December 2024





Outline



- > Why they are prepared
- > Where to find them
- > What they contain
- > **How** they are prepared
- > Who prepares them



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The product information in the WHOPAR (SmPC / PIL)

Updates



WHOPARs – Why

World Health Assembly Resolution WHA57.14 (2004)

WHO Public Assessment Reports (WHOPARs) are a **key output** of the WHO Prequalification Team/Medicines, providing **insight and transparency as to the process** followed to prequalify the finished pharmaceutical products (FPPs) concerned.

A WHOPAR is of great value **for regulators and procurers**. As well as **summarizing the assessment** of the data and information provided by the manufacturer, it describes the **quality, safety and efficacy** of the prequalified product. (....)

https://extranet.who.int/prequal/medicines





WHOPARs – Where to find them



- training (for manufacturers, regulators and QCLs)
- provision of technical assistance (for manufacturers and QCLs)
- implementation of the collaborative procedure for registration.

On this website...

Here in the medicines part of the WHO prequalification website you can find:

 key prequalification outputs: the lists of prequalified FPPs, APIs and QCLs, and <u>WHO Public Assessment Reports</u> and <u>WHO Public</u> <u>Inspection Reports</u>

https://extranet.who.int/ prequal/medicines

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WHOPARs – Where to find them unicef (9)



Medicines	Medicines	5		Information for
				Manufacturers
Prequalified Lists		 ition – WHO List of Prequalified edicinal Products 	Medicines Key Contacts	Regulatory agencies
- Finished Pharmaceut				Quality control laboratories
Products		oncern (NOCs) - Medicines	Medicines Quality Control Laboratories	Procurement agencies
General informati	ion		······	
Active pharmaceutical ingredients Medicines quality control laboratories		y of medicines and their supply led to the cre reatest achievement of medicines prequalifi		
		ole in low- and middle-income countries. Indeed, medicines prequalification has made it possible to believe that Il have access to safe, effective, and affordable medicines. ly, it has demonstrated and continues to demonstrate that the production, supply and regulation of quality-		
Prequalification Reports		_	facturers, procurers, health providers, donors and WHO. The efforts alth coverage, protecting people from health emergencies and	
- WHO Public Assessme	ent Reports	and standards applied		
Contents and stru	cture of a	alification activities are:		
WHOPAR	ro	duct dossiers (for finished pharmaceutical prod	ucts (FPPs) or master files (for active pharmaceutical ingredients	
WHO Public Inspection Reports nufacturing and clinical sites uality control testing of products.				
larket Information	WHO also prequalifie medicines.	s quality control laboratories (QCLs), specifically	y those QCLs that carry out chemical and microbiological testing of	
CTD	The standards used t		ring sites, are based on the principles and practices agreed by the Committee on Specification for Pharmaceutical Preparations.	
	Other medicines pred	qualification activities include:		
On this website		acturers, regulators and QCLs)		
		requalification website you can fi		

Inspection Reports

WHOPARs – Where to find them unicef









WHOPARs- Where to find them unicef



Overview of WHO Public Assessment Report (WHOPAR)

CV004

WHOPAR							
Part 1	Part 2	Part 3	Part 4				
Part 5	Part 6	Part 7	Part 8				
M Product name							
Dexamethasone (sodium phosphate)							
4mg/ml - Solution for injection							
Laboratory							
Farmak JSC							
QUkraine Part 1 - Abstract							
Part 1 - Abstract Part 2 - All accepted presentations (including photo)							
Part 2 - Air accepted presentations (including photo)							

* This summary of product characteristics/patient information leaflet focus on uses of the medicine covered by WHO Prequalification Team - Medicines. The recommendations for use are based on WHO guidelines and on information from stringent regulatory authorities (term to be revised).

The medicine may be authorised for additional or different uses by national medicines regulatory authorities.

WHOPARs – How prepared



(focus on product information)



WHOPARs – Who prepares them

WHOPAR-Group at PQT/MED

International group of experts mainly from regulatory authorities providing output on

Prequalification processes and outcomes

Information on efficacy and safety of prequalified products

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Focus on product information

Patient safety

Parts 3 and 4: Based primarily on comparator product's information and WHO Treatment Guidelines



A Medicinal Product



WHOPAR Product information clinical and preclinical sections

With time

- Revision of WHO treatment guidelines
- Update of reference product's information
- Availability of novel medical products
- Emergence of new scientific data
 - ➡ Information gets outdated
- → Same type of product WHOPARs with differing information
- Products are prequalified that are not recommended by WHO anymore





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WHO-PQ recommended

(generic) texts of clinical and preclinical medicines information

- In a rolling system
 (one product type/kind at a time, e.g. all abacavir-containing products)
- Regular updates begun in 2019:
 - **immediately** for major safety updates otherwise, **updates as needed**

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Of note: This service provided by WHO does not in any way preclude the supplier's responsibility and liability in terms of keeping the product information of the supplied medicinal product correct and updated.

WHOPAR-Product Information

Periodic updates

First updates of most prequalified products of all WHOPAR-parts for formatting updated and including, e.g. also requalification status 60 "batches", in 2024, e.g. hepatitis antivirals, various reproductive health medicines, medicines for NTDs

- Second periodic updates of 15 "batches", more than 140 WHOPARs
- Safety updates for AQ+S/P containing products

Status 12/2024



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WHOPARs not updated

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Plain language descriptions of oral dosage forms

The description of visual appearance of finished product and packaging provided in the WHOPAR is important.

It can help the patient and health care provider



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- To know that the information relates to the correct medicine (for example if a patient has multiple medicines, each with a patient information leaflet)
- to see if there is an obvious problem with the medicine
 (e.g. tablets are mottled when they are described as plain)
- to identify cases of falsification or error (if the description and the actual medicine do not match)



Descriptions of oral dosage forms – **Issues noted**

- Products with similar appearances may be described differently by different suppliers, and it may not be clear exactly what details are helpful to include
- Where technical language is used to describe aspects of the appearance it is likely to be confusing to readers unfamiliar with the terms
- The description is often a single complex sentence that can be hard to read



Case Study 1

- Yellow-coloured, circular, uncoated, flat-faced, bevelled edged, matt finished tablets, with a break line on one side and plain on the other side.
- A yellow, round, flat-faced, beveled edge tablet with a break line on one side and plain on the other side
- Yellow, circular, uncoated, matt-finished tablets. They are flat-faced and bevel-edged. The tablets have a break line on one side and are plain on other side.
- Yellow, round, uncoated tablets. They are flat on the top and bottom with a bevelled edge. The tablets are plain on one side and have a score line on the other side.





Case Study 2

 Hard ovoid calcium carbonate capsule, buff to coffeecoloured, containing gallinaceous DNA in a spherical jasmine to gamboge-coloured lipoprotein delivery system suspended in a clear, viscous albuminaceous support solution.

• Brown egg





Similar issue for description of packaging

Plain language descriptions unicef of oral dosage forms - WHO guidance

Medicines Prequalification Guidance eguidance documents approved by the WHO Expert Committee on Specifications for Pharmaceutical Preparations (ECSPP) inflorat interest and value for manufacturers. But the ECSPP approval process can be lengthy. To be able to respond promptly do for new products or for new formulations of existing products, or to incorporate recent pharmaceutical technology ents in their manufacturing processes, manufacturers often require guidance within a much shorter timeframe. "Prequalification Team therefore works closely and intensively with pharmaceutical experts to develop guidance, as needed, ptly. In so doing it both facilitates and eases the technical burden associated with quality medicines manufacturer, and expan of appropriate products for meeting treatment needs. Moreover, much of the guidance so developed — together with feedbac ufacturers and regulators — forms the basis of guidance documents submitted to ECSPP, thereby also facilitating ECSPP s.	Regulatory agencies Quality control laboratories Procurement agencies
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of appropriate products for meeting treatment needs. Moreover, much of the guidance so developed — together with feedbas uffacturers and regulators — forms the basis of guidance documents submitted to ECSPP; thereby also facilitating ECSPP s.	:k
8.	Do you need assistance?
	-
qualification guidance documents, application forms and templates are listed below. (Date of issue is given in brackets.)	For assistance regarding prequalification please refer to the <u>Support to Manufacturers, CROs and QCLs</u> section of this website where we provide technical advice and information
s are also advised to consult these and the <u>quidance documents approved by ECSPP</u>	about assistance.
AL ADVICE & PROCEDURAL GUIDANCE	
	7
PHARMACEUTICAL INGREDIENTS: GUIDANCE DOCUMENTS, APPLICATION FORMS & TEMPLATES	
	7
ED PHARMACEUTICAL PRODUCTS: TECHNICAL GUIDANCE, APPLICATION FORMS & TEMPLATES	
JVALENCE: GUIDANCE DOCUMENTS, APPLICATION FORMS & TEMPLATES	7
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	E PHARMACEUTICAL INGREDIENTS: GUIDANCE DOCUMENTS, APPLICATION FORMS & TEMPLATES

Guidance on plain language descriptions of visual appearance for oral dosage forms in WHOPARs (10 October 2023)

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Mobile Technologies – QR*code in product information

Pros	Cons

*Quick Response

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Mobile Technologies – QR code in product information

- PQT/MED supports the use of mobile technologies where appropriate, provided that
 - ✓ unrestricted access to this information for users, dispensers and prescribers is ensured and
 - \checkmark local regulations in each target country are considered
- Decision on acceptance of mobile technologies is with National Regulatory Authorities (NRAs)
- Review of the printed and digital product information rests with the NRAs



Special excipients – in the WHOPARs

PQT/MED refers to EMA-Excipients Guideline: <u>https://www.ema.europa.eu/en/annex-european-commission-guideline-excipients-labelling-package-leaflet-medicinal-products-human</u>

Two exceptions

- Lactose
- Sodium

General statement

If any excipient warnings are included, the WHOPAR product information states: "It is important to consider the contribution of excipients from all the medicines that the patient is taking."

Non-functional or interchangeable excipients, e.g. colourants

Use of these excipients in medicinal products may lead to:

- > A restriction in the target population
- Consequences on drug safety
 - This aspect is now being highlighted in WHOPAR part 1.
- > Avoiding such excipients with recognised undesirable action or effect in certain circumstances might confer advantage



Example for Part 1 excipient statement

WHO Prequalification Programme WHO PUBLIC ASSESSMENT REPORT (WHOPAR)

[RefNo trade name]¹

API tablets

[RefNo trade name], manufactured at [...] was included in the WHO list of prequalified medicinal products for neglected tropical diseases on ss month yyyy.

[RefNo trade name] is indicated for treatment of [...]. Detailed information on the use of this product is described in the summary of product characteristics (SmPC), which can be found in this WHOPAR.

{RefNo trade name} {DotWP-ProductName} contains <an excipient which restricts> <excipients which restrict> its use <in affected group (e.g. children)>; see WHOPAR part 3 (section 2) and part 4 (section 4.4) for more information.

The active pharmaceutical ingredients of [RfeNo trade name] is API.

[...]

Update on "SRA-WHOPARs"

Guidelines on submission of documentation for prequalification of finished pharmaceutical products approved by stringent regulatory authorities

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(trs986-annex5.pdf)

"WHO may request additional data, when considered necessary for the use of the product in populations, settings or regions relevant for prequalified products. If necessary, this additional information, relevant for use of the product within the scope of the Prequalification Programme, will be included in the WHO public assessment report (WHOPAR) as a separate piece of information. Such information could be communicated to the reference SRA where appropriate. **The SRA-approved product information will not be changed**. "



News on "SRA-WHOPARs"

However

SRA-approved product information often not reflective of WHOrecommended uses



- Therapeutic indications,
 e.g. complicated bacterial
 infections versus DR-TB
- Target populations
- Dosing regimens
- Use in pregnancy and breastfeeding

News on "SRA-WHOPARs"

Note with respect to WHO PQT/MED Recommended Product Information additional to the SRA Approved Product Information for Products Prequalified via the Abridged (SRA) Route (29 March 2023)*

"Additional information, relevant for use of the product within the scope of the Prequalification Programme ... in the WHO public assessment report (WHOPAR) as a separate piece of information".

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In accordance with this provision, for products prequalified based on SRA approval, hyperlinks to "WHO-PQ recommended patient information leaflet" and "WHO-PQ recommended summary of product characteristics", which are generic for the respective kind of product, e.g. dolutegravir 50mg tablets, as applicable, will be published with the WHOPAR."

*http://extranet.who.int/prequal/key-resources/documents/note-respect-who-pqtmed-recommended-product-information-additional-sra

