Falsified chloroquine products circulating in the WHO region of Africa

This Medical Product Alert relates to a number of confirmed falsified chloroquine products circulating in the WHO region of Africa. Please note that this Medical Product Alert n°4/2020 will be updated as new reports of falsified chloroquine are received and validated by WHO.

Between 31 March and 2 April 2020, the WHO global surveillance and monitoring system on substandard and falsified (SF) medical products received nine reports of confirmed falsified chloroquine products from three countries. All reported products were identified at patient level and all have been confirmed as falsified.

This WHO medical product alert N°4/2020 refers to nine different falsified chloroquine products, with different presentations (see Table 1). It is important to note that widespread vigilance is required from all countries, regardless of where the product was originally identified.

Table 1: List of identified falsified chloroquine products, subject of WHO Alert N°4/2020

<table>
<thead>
<tr>
<th>IDENTIFIED IN</th>
<th>PRODUCT NAME</th>
<th>STATED MANUFACTURER</th>
<th>BATCH NUMBER</th>
<th>EXPIRY DATE</th>
<th>DATE OF MANUFACTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAMEROON</td>
<td>Chloroquine Phosphate (100mg)</td>
<td>Jiangsu Pharmaceutical Inc.</td>
<td>660</td>
<td>05/2021</td>
<td>05/2017</td>
</tr>
<tr>
<td></td>
<td>Chloroquine phosphate (250mg)</td>
<td>Jiangsu Pharmaceutical Inc.</td>
<td>660</td>
<td>09/2022</td>
<td>09/2018</td>
</tr>
<tr>
<td></td>
<td>Chloroquine Phosphate 250mg</td>
<td>Astral pharmaceuticals</td>
<td>EBT 2542</td>
<td>10/2022</td>
<td>01/2019</td>
</tr>
<tr>
<td>DEMOCRATIC REPUBLIC OF CONGO</td>
<td>CLOROQUINE 250mg</td>
<td>Dawa Limited</td>
<td>1605059</td>
<td>04/2023</td>
<td>05/2019</td>
</tr>
<tr>
<td>Niger</td>
<td>Samquine 100 (100mg)</td>
<td>None indicated</td>
<td>NBJT01</td>
<td>Oct-2022</td>
<td>Nov-2019</td>
</tr>
<tr>
<td></td>
<td>Chloroquine phosphate tablets B.P 100mg</td>
<td>None indicated</td>
<td>HV1116</td>
<td>May 2023</td>
<td>June 2019</td>
</tr>
<tr>
<td></td>
<td>Chloroquine phosphate tablets B.P 100mg</td>
<td>None indicated</td>
<td>NBJT02</td>
<td>Oct-2022</td>
<td>Nov-2019</td>
</tr>
<tr>
<td></td>
<td>Niruquine (100mg)</td>
<td>None indicated</td>
<td>Unknown</td>
<td>08/2022</td>
<td>09/2019</td>
</tr>
</tbody>
</table>

All the products listed in Table 1 are confirmed as falsified, on the basis that they deliberately/fraudulently misrepresent their identity, composition or source. Indeed, it can be noted that:

- **EITHER:** the products do not contain the correct amount of the active pharmaceutical ingredient, based on the results of preliminary or full compendial analysis;
- **AND/OR:** the products were not produced by the manufacturer whose name is stated on the product labels, and the variable data (batch number and dates) of the above products do not correspond to genuine manufacturing records;
- **AND/OR:** the manufacturer whose name is stated on the product labels does not exist.

Chloroquine phosphate or sulfate is referenced on the WHO Model List of Essential Medicines for the treatment of Plasmodium vivax infection (malaria). Large clinical trials are under way to generate the robust data needed to establish the efficacy and safety of chloroquine and hydroxychloroquine in the treatment of COVID-19. These medicines are currently authorized for malaria and certain autoimmune diseases and it is important that patients...
do not face shortages caused by stockpiling or use outside the authorized indications. Both chloroquine and hydroxychloroquine can have serious side effects, especially at high doses or when combined with other medicines.


For photographs of products listed in Table 1, please refer to the WHO Medical Product Alert website, and to the annex of this medical product alert n°4/2020 (see pages 3-7).

WHO requests increased vigilance within the supply chains of countries likely to be affected by these falsified products. Increased vigilance should include hospitals, clinics, health centres, wholesalers, distributors, pharmacies and any other suppliers of medical products.

If you are in possession of the above products, please do not use. If you have used these falsified products, or if you suffer an adverse reaction/event having used these products, you are advised to seek immediate medical advice from a qualified healthcare professional, and to report the incident to the National Regulatory Authorities/National Pharmacovigilance Centre.

All medical products must be obtained from licensed, authentic and reliable sources. Their authenticity and condition should be carefully checked. Seek advice from a healthcare professional in case of doubt.

National regulatory/health authorities are advised to immediately notify WHO if these falsified products are discovered in their country. If you have any information concerning the manufacture, distribution, or supply of these products, please contact rapidalert@who.int.

WHO Global Surveillance and Monitoring System for Substandard and Falsified Medical Products
For more information, please visit: www.who.int/medicines/regulation/ssffc/en/

CAMEROON

Photographs of confirmed falsified Chloroquine Phosphate (100mg)
Photographs of confirmed falsified Chloroquine Phosphate (250mg)

Photographs of confirmed falsified Chloroquine Phosphate 250mg
DEMOCRATIC REPUBLIC OF CONGO

Photographs of confirmed falsified CLOROQUINE 250MG

Photographs of confirmed falsified Chloroquine Phosphate 250mg
NIGER

Photographs of confirmed falsified Samquine 100 (100mg)

Photographs of confirmed falsified Chloroquine phosphate tablets B.P 100mg
Photographs of confirmed falsified Nuruquine (100mg)