

CLAIMS

1. An adaptor (10; 210) for coupling with a medical container (1) filled with a number N of doses of a product to be withdrawn therefrom, said medical container being closed by a septum (4), said septum having an outer surface (4a) intended to be submitted to at least N successive needle (101) piercings for completing withdrawal of said N doses of product, the adaptor comprising:

a gripping member (20) for securing the adaptor to the medical container, said gripping member including at least one needle access port (30),
 10 marking means (41, 42, 42a; 241, 241a, 241b, 241c, 242) coupled to said needle access port, for designating to a user a not yet pierced area of said outer surface (4a), for completing the next of said N successive piercings, wherein said marking means comprise at least N membranes (41; 241) stuck to each other, each membrane substantially closing said proximal
 15 end of said substantially longitudinal passage way and being provided on its outer wall with one opening (42; 242) for directing the needle towards said not yet pierced area of said outer surface.

2. The adaptor (10; 210) of claim 1, wherein said needle access port comprises at least one substantially longitudinal passage way open at both
 20 its proximal and distal ends for access by the needle (101), said distal end facing said outer surface of the septum when said adaptor is coupled to said medical container.

3. The adaptor (10; 210) of any one of claims 1 to 2, further comprising guiding means (31, 31a) for forcing the needle (101) towards a
 25 specified location of said not yet pierced area.

4. The adaptor (10; 210) of claim 3, wherein said substantially longitudinal passage way is provided with N separate substantially longitudinal channels (31, 31a), said N separate substantially longitudinal channels forming at least part of said guiding means.

30 5. The adaptor (10; 210) of claim 4, wherein the distal end of each channel faces a dedicated part of said not yet pierced area when said adaptor is coupled to said medical container, and the proximal end of each channel faces only one (42; 242) of said openings provided by said N membranes.

6. The adaptor (10; 210) of any one of claims 1 to 5, further
 35 comprising a pierceable elastomeric piece (60) lodged within said needle

access port, and intended to face said outer surface of said septum when said adaptor is coupled to said medical container.

7. The adaptor (10; 210) of any one of claims 1-6, further provided with a closure member (50) for closing said needle access port in a storage
5 position of said adaptor.

8. Assembly comprising a medical container (1) filled with a number N of doses of a product to be withdrawn therefrom, said medical container being closed by a septum (4), said septum having an outer surface (4a) intended to be submitted to successive needle piercings for completing
10 withdrawal of doses of product, and an adaptor (10; 210) according to any one of claims 1 to 7.