CLAIMS

1. An adaptor (10) for coupling with a medical container (1) having a collar (3) closed by a septum (4), said septum having an outer surface (4a) directed towards the outside of the medical container, the adaptor comprising:

- a gripping member (120) for securing the adaptor to the medical container, said gripping member being an axial clipping member capable of being axially mounted on the collar of said medical container,

- a pierceable elastomeric piece (30) having at least a part intended to be in contact with the outer surface of the septum when said adaptor is secured on said medical container~~.~~

characterized in that the adaptor further comprises a cleaning pad (160), said cleaning pad being configured to at least partially slide on said outer surface of said septum when the adaptor is being mounted on the medical container.

2. The adaptor (10) of claim 1, wherein the axial clipping member comprises a tubular element (122) capable of being axially engaged on said collar.

3. The adaptor (10) of any one of claims 1 to 2, further comprising a transversal wall (121) connected to said gripping member, said transversal wall having a hole in which is lodged said pierceable elastomeric piece.

4. The adaptor (10) of claims 2 and 3, wherein said transversal wall (121) is a disk wall contained within the tubular element (122).

~~5.~~ The adaptor (10) of ~~any one of claims 1 to 4, further comprising a cleaning pad (160), said cleaning pad being configured to at least partially slide on said outer surface of said septum when the adaptor is being mounted on the medical container.~~

~~6.~~5. ~~The adaptor (10) of claims 4 and 5~~claim 4, wherein the cleaning pad is a breakable membrane (160) attached to the inner wall of said tubular element (122), and located distally with respect to said transversal wall (121).

~~7.~~6. The adaptor (10) of any one of claims 1-~~6~~5, wherein the adaptor is packed before use in a blister comprising a shell closed at its distal end by a transversal pellicle film.

~~8.~~7. The adaptor (10) of claims ~~6~~5 and ~~7~~6, wherein the breakable membrane is part of the blister and is attached to the inner surface of the shell parallel to the distal transversal pellicle film.

~~9.~~8. The adaptor (10) of any one of claims 1-~~8~~7, further comprising an air inlet for allowing air entrance into the medical container, once the adaptor is secured on said medical container.

~~10.~~9. The adaptor (10) of any one of claims 1 to ~~9~~8, further comprising a pierceable decontamination insert (70) located proximally with respect to said elastomeric piece.

~~11.~~10. The adaptor (10) of any one of claims 1 to ~~10~~9, wherein the pierceable elastomeric piece is self-resealing.

~~12.~~11. The adaptor (10) of any one of claims 1 to ~~11~~10, wherein the elastomeric piece is made of a material selected from synthetic polyisoprene, natural rubber, silicone rubber, thermo-plastic elastomers, or the like or a combination thereof.

~~13.~~12. The adaptor (10) of any one of claims 1 to ~~12~~11, wherein the pierceable elastomeric piece further comprises a material including antiseptic agents, such as silver ions or copper ions.

~~14.~~13. The adaptor (10) of any one of claims 1 to ~~13~~12, wherein the pierceable elastomeric piece comprises a coating comprising an antiseptic agent, such as chlorhexidine di-acetate.

~~15.~~14. The adaptor (10) of any one of claims ~~5~~1 to ~~14~~13, wherein the cleaning pad comprises a disinfecting agent.

~~16.~~15. Assembly comprising a medical container (1) having a collar closed by a septum (4), said septum having an outer surface directed towards the outside of the medical container, and an adaptor (10) according to any one of claims 1 to ~~15~~14.

~~17.~~16. The assembly of claim ~~16~~15, wherein the septum (4) is self-resealing.