CLAIMS

1. A device (330, 430) for use with an autoinjector (300) to allow activation of an injection cycle of the autoinjector with the palm of an operator's hand, the device (330, 430) comprising:

a palm-operated button (331, 431) having a surface (334) which is sized and configured for accommodating the palm of the operator's hand; and

a mounting arrangement (340) for operatively coupling the device (330, 430) to an activation end of a housing of the autoinjector, the mounting arrangement (340) comprising:

a base (342) extending from the palm-operated button (331, 431); and

an adaptor (350) for attaching to a housing (310) of the autoinjector (300), the adaptor (350) telescopically disposed within the base (342) to allow the palm-operated button (331, 431) to move axially to activate the autoinjector (300).

2. The device (330, 430) according to claim 1, wherein the adaptor (350) non-removably attaches (364) to the housing (310) of the autoinjector (300).

3. The device (330, 430) according to claim 1, wherein the palm-operated button (331, 431) has a mushroom-shape (331).

4. The device (330, 430) according to claim 1, wherein the palm-operated button (331, 431) has a hemispherical-shape (331).

5. The device (330, 430) according to claim 1, wherein the palm-operated button (331, 431) has a handle-shape (431).

6. The device (330, 430) according to claim 1, wherein the palm-operated button (331, 431) comprises a T-shaped handle (431).

7. The device (330, 430) according to any one of claims 1, 5, or 6, wherein the palm-operated button (331, 431) has at least one indent (442) for placement of a user’s thumb.

8. The device (330, 430) according to any one of claims 1-7, wherein the palm-operated button (331, 431) has a polyurethane gel elastomer coating (336, 436).

9. An autoinjector (300) comprising:

a housing (310) having an activation end (320) and an injection end disposed opposite to and inline with the activation end (320); and

the device (330, 430) according to any one of claims 1-8 disposed at the activation end (320) of the housing (310).

10. The autoinjector (300) according to claim 9, wherein the palm button device (330, 430) is integral with the autoinjector (300), is removably attached to the housing (310) of the autoinjector (300), or non-removably attached to the housing (310) of the autoinjector (300).

11. The autoinjector (300) according to claim 9 or 10, wherein the operation of the device (330, 430) arms the autoinjector (300).

12. The autoinjector (300) according to any one of claims 9-11, further comprising a flexible extension (130, 230) disposed at the injection end of the housing (310) for stretching or pinching the skin of the injection site.

13. The autoinjector (300) according to any one of claims 9-12, further comprising a container or syringe disposed in the housing (310), the container or syringe (104) containing a therapeutic product.