CLAIMS

1. A device for delivering a medicament to a patient in need thereof comprising:

an injector comprising a first end configured to remain outside a nasal passage of the patient and a second end configured for entry into the nasal passage of the patient, wherein the injector is moveable between a storage position and an engaging position;

an introducer configured for engagement with a nostril of the patient, wherein the introducer comprises a passageway configured for slidably receiving the injector, and wherein the introducer comprises a curvature along a portion thereof adjacent to the passageway;

a housing, wherein a first end of the housing is configured to remain outside a nasal passage of the patient and wherein a second end of the housing comprises the introducer; and

wherein the device further comprises a hub coupled to the injector, wherein the hub is configured for connection to a syringe and remains outside the housing prior to the connection to the syringe and the hub enters the housing substantially irreversibly when pushed in an axial direction towards the introducer.

2. The device of claim 1 wherein the injector comprises a flexible tube configured to adopt at least a portion of the curvature of the passageway.

3. The device of claim 2 wherein the injector comprises one or a plurality of apertures along a side of the flexible tube adjacent to the second end.

~~4. The device of claim 1 wherein the hub is configured to remain outside the housing prior to connection to the syringe and is configured to enter the housing substantially irreversibly when pushed in an axial direction towards the introducer~~.

~~5~~4. The device of claim 1 wherein the hub comprises a luer lock.

~~6~~5. The device of claim 1 wherein the hub comprises a stop bar and wherein the housing comprises a keyed slot configured to receive the stop bar.

~~7~~6. The device of claim ~~6~~5 wherein the housing further comprises a lip configured to prevent retraction of the hub from an interior of the housing.

~~8~~7. The device of claim 41 wherein the hub is configured to rotate between a predetermined range of angles when positioned substantially within the housing but is substantially prevented from rotating when positioned substantially outside the housing.

~~9~~8. The device of claim ~~8~~7 wherein the predetermined range of angles over which the hub is configured to rotate comprises about a 45 degree clockwise rotation and about a 45 degree counterclockwise rotation.

~~10~~9. The device of claim ~~8~~7 wherein the hub comprises a stop bar and wherein the housing comprises a ledge configured to about against the stop bar on first and second opposing sides thereof.

~~11~~10. A device for ameliorating pain in a patient comprising:

an injector of the device of claim 1 that is capable of being introduced through a nasal passage of the patient into a region substantially medial and/or posterior and/or inferior to a sphenopalatine ganglion of the patient;

an introducer of the device of claim 1 which comprises a passageway configured for slidably receiving the injector;

a housing of the device of claim 1 having a first end configured to remain outside a nasal passage of the patient and a second end comprising the introducer;

a hub of the device of claim 1 configured to remain outside the housing prior to connection to a syringe and is configured to enter the housing substantially irreversibly when pushed in an axial direction towards the introducer; and

a medicament capable of being delivered from the injector superiorly and/or laterally and/or anteriorly towards the sphenopalatine ganglion.

~~12~~11. The device of claim ~~11~~10 wherein the injector comprises a flexible tube configured to adopt at least a portion of the curvature of the passageway, and

wherein the injector comprises one or a plurality of apertures along a side of the flexible tube adjacent to the second end.

~~13~~12. The device of claim ~~12~~11 wherein the region is substantially medial and inferior to the sphenopalatine ganglion.

~~14~~13. The device of claim ~~12~~11 wherein the region is substantially medial, inferior, and posterior to the sphenopalatine ganglion.

~~15~~14. The device of claim ~~12~~11 wherein the medicament is delivered laterally and superiorly towards the sphenopalatine ganglion.

~~16~~15. The device of claim ~~12~~11 wherein the medicament is delivered laterally, superiorly, and anteriorly towards the sphenopalatine ganglion.

~~17~~16. The device of claim ~~12~~11 wherein the region is substantially medial, inferior, and posterior to the sphenopalatine ganglion, and wherein the medicament is delivered laterally, superiorly, and anteriorly towards the sphenopalatine ganglion.

~~18~~17. The device of claim ~~12~~11 wherein the pain comprises a headache, a facial ache or a combination thereof.