What is Claimed:

1. Use of atropine in the manufacture of medicament for the treatment of myopia in an eye of a child, the medicament comprising a stream of droplets generated via a piezoelectric droplet delivery device, wherein the medicament comprises atropine at a concentration of 0.0001% by weight to 5% by weight of the total composition, and wherein the stream of droplets has an average ejected droplet diameter greater than 15 microns.

2. The use of claim 1, wherein the medicament comprising the stream of droplets is less than 13 microliters in volume per dose.

3. The use of claim 1, wherein the medicament comprising the stream of droplets is less than 10 microliters in volume per dose.

4. The use of claim 1, wherein the medicament comprising the stream of droplets is 3 microliters to 8 microliters in volume per dose.

5. The use of claim 1, wherein the medicament comprising the stream of droplets is 3-7 microliters in volume per dose.

6. The use of claim 1, wherein the medicament comprising the stream of droplets is ejected from the piezoelectric droplet delivery device with an average initial ejecting velocity of at least 3 m/s.

7. The use of claim 1, wherein the medicament comprising the stream of droplets is ejected from the piezoelectric droplet delivery device with an average initial ejecting velocity of 4 m/s to 12 m/s.

8. The use of claim 1, wherein the stream of droplets reduces excess fluid from being unabsorbed by the target tissues to thereby reduce overdosing, ocular toxicity and/or systemic leaching into the plasma as compared to a standard eye dropper of 30–50 μL.

9. The use of claim 1, wherein the medicament comprises atropine at a concentration of 0.1% by weight.

10. The use of claim 1, wherein the medicament comprises atropine at a concentration of 0.5 to 1.2% by weight.

11. The use of claim 1, wherein the medicament comprising the stream of droplets is ejected from the piezoelectric droplet delivery device in less than 80 ms.

12. The use of claim 1, wherein the medicament comprising the stream of droplets has an average ejected droplet diameter of 20 microns to 60 microns.

13. The use of claim 1, wherein the medicament comprising the stream of droplets is ejected from the piezoelectric droplet delivery device while the device is oriented in an angle within 25ºof horizontal.

14. The use of claim 1, wherein the piezoelectric droplet delivery device comprises a generator plate and a piezoelectric actuator,

wherein the generator plate includes a plurality of openings formed through its thickness; and

wherein the piezoelectric actuator directly or indirectly oscillates the generator plate at a frequency to generate the stream of droplets through the plurality of openings in the generator plate.

15. The use of claim 14, wherein the piezoelectric droplet delivery device further comprises a lip arranged adjacent to and separate from the generator plate;

wherein the piezoelectric actuator oscillate the generator plate by an amplitude which is less than an average or minimum separation distance between the lip and the generator plate.

16. The use of claim 14, wherein the piezoelectric droplet delivery device further comprises a lip arranged adjacent to the generator plate and configured to exert a force to the generator plate

in a direction of a central axis of the generator plate;

wherein the piezoelectric actuator oscillate the generator plate to which the force is exerted by the lip.

17. The use of claim 14, wherein the piezoelectric droplet delivery device further comprises:

an enclosure positioned adjacent a fluid side of the generator plate, the enclosure and the generator plate forming a chamber, wherein the enclosure includes a wall having a lip positioned adjacent the fluid side of the generator plate, the lip extending around the plurality of openings, the enclosure and the generator plate together defining the chamber.

18. The use of claim 17, wherein the piezoelectric droplet delivery device further comprises:

a fluid reservoir; and

a pump having an outlet fluidly coupled to the chamber, wherein the pump is configured to draw a discrete dose of liquid from the fluid reservoir into a variable volume cavity and eject the discrete dose from the cavity into the chamber to be dispensed as the stream of droplets.

19. The use of claim 18, wherein the variable volume cavity is formed between a first part and a second part of the pump that reciprocate relative to one another to change a size of the variable volume cavity.

20. The use of claim 19, wherein the first part and second part are configured to reciprocate between a stored position, a forward stroke position, and back to the stored position in a single cycle.

21. The use of claim 18, wherein the lip positioned adjacent the fluid side of the generator plate allows for air to enter the chamber while preventing the discrete dose of liquid from exiting the chamber between the lip and the generator plate.