CLAIMS

What is claimed is:

1. A conception aid, comprising:

a platform configured for placement in a vaginal canal, and comprising at least one pocket configured to collect semen; and

an arched member extending from the platform and configured to guide a penis or a device over the arched member toward the platform while the conception aid is in the vaginal canal;

wherein the at least one pocket is configured to remain against a vaginal wall when the platform is within the vaginal canal so as to retain the collected semen in the vaginal canal.

2. The conception aid of claim 1, wherein the platform has a width tapering along a longitudinal axis between a proximal portion and a distal portion of the platform.

3. The conception aid of claim 1, wherein the arched member extends from a distal portion of the platform.

4. The conception aid of claim 3, wherein the conception aid has a length such that when the platform is placed within the vaginal canal, a proximal portion of the platform is positioned proximate a cervical opening and at least a portion of the arched member is external to the vaginal canal.

5. The conception aid of claim 3, wherein the arched member is angled relative to the platform.

6. The conception aid of claim 3, wherein a width and/or height of the arched member increases along a longitudinal axis of the conception aid toward a distal portion of the member.

7. The conception aid of claim 3, further comprising a lumen configured to deposit sperm onto the platform.

8. The conception aid of claim 7, wherein the lumen extends between the arched member and the platform.

9. The conception aid of claim 8, wherein the lumen comprises a valve.

10. The conception aid of claim 9, wherein the valve is a self-sealing valve, such that a portion of the lumen is openable by insertion of the device, and sealed by removal of the device.

11. The conception aid of claim 7, wherein the lumen extends into a wall of the at least one pocket.

12. The conception aid of claim 7, wherein the lumen has a varying diameter.

13. The conception aid of claim 7, wherein the arched member comprises a stop guide configured to guide insertion of the device within the lumen.

14. The conception aid of claim 1, wherein the at least one pocket is on a distal portion of the platform and comprises an arched opening.

15. The conception aid of claim 1, wherein the at least one pocket provides a barrier between the platform and the arched member.

16. The conception aid of claim 1, further comprising one or more of: one or more lateral ridges, one or more recesses, one or more longitudinal channels, one or more filaments, one or more holes configured to allow passage of sperm therethrough, one or more protrusions, and one or more bumps.

17. A conception aid, comprising:

a flexible arched member including a glide surface configured to engage with a vaginal wall after placement of the conception aid within a vaginal canal; and

a semen-collecting platform disposed at a distal end of the flexible arched member,

wherein the flexible arched member is configured to:

flatten in order to guide a penis or insemination device between the glide surface and the vaginal wall in response to introduction of the penis or the insemination device into the vaginal canal, and

return to a preformed curved shape, such that at least a portion of the glide surface re-engages with the vaginal wall, after withdrawal of the penis or the insemination device from the vaginal canal.

18. The conception aid of claim 17, wherein the conception aid has a length such that when the conception aid is placed within the vaginal canal, at least a portion of the semen-collecting platform is positioned proximate a cervical opening, and at least a portion of the conception aid resides external to the vaginal canal.

19. The conception aid of claim 17, wherein the semen-collecting platform has a width tapering along a longitudinal axis between a proximal portion and a distal portion of the semen-collecting platform.

20. The conception aid of claim 17, wherein the flexible arched member is angled relative to the semen-collecting platform.

21. The conception aid of claim 17, wherein a width and/or height of the flexible arched member increases along a longitudinal axis of the conception aid toward a distal portion of the flexible arched member.

22. The conception aid of claim 17, wherein the semen-collecting platform comprises one or more capturing elements configured to collect semen.

23. The conception aid of claim 22, wherein the one or more capturing elements include at least one of a ridge, a recess, a channel, a pocket, a filament, a through-hole, or combinations thereof.

24. A conception aid, comprising:

an arched member including a glide surface;

a semen-collecting platform disposed at a distal end of the arched member; and

a flexible pocket structure disposed on the arched member aft of the semen-collecting platform;

wherein the flexible pocket structure is configured to engage with a vaginal wall of a vaginal canal after the conception aid is introduced to the vaginal canal;

wherein the flexible pocket structure is configured to flex in order to enable passage of a penis or an insemination device introduced into the vaginal canal,

wherein the flexible pocket structure is configured to re-engage with the vaginal wall after withdrawal of the penis or insemination device from the vaginal canal; and

wherein the arched member is configured to guide the penis or the insemination device between the glide surface and the vaginal wall and toward the semen-collecting platform while the conception aid is in the vaginal canal.

25. The conception aid of claim 24, wherein the conception aid has a length such that when the conception aid is placed within the vaginal canal, at least a portion of the semen-collecting platform is positioned proximate a cervical opening, and at least a portion of the conception aid resides external to the vaginal canal.

26. The conception aid of claim 24, wherein the semen-collecting platform has a width tapering along a longitudinal axis between a proximal portion and a distal portion of the semen-collecting platform.

27. The conception aid of claim 24, further comprising a lumen configured to deposit semen onto the semen-collecting platform.

28. The conception aid of claim 27, wherein the lumen extends between the arched member and the semen-collecting platform.

29. The conception aid of claim 27, wherein the lumen extends into a wall of the flexible pocket structure.

30. The conception aid of claim 27, wherein the lumen has a varying diameter.