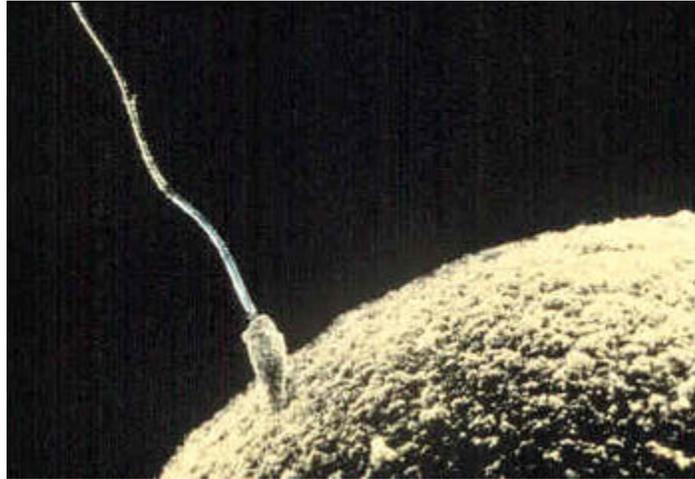


HUMAN REPRODUCTION: THE FERTILIZING LIQUID

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PART 1: READ



A sperm cell attempts to penetrate an ovum coat to fertilize it (Wikipedia)

(The Constituents of the Fertilizing Fluid)		
“Sperm”	75:37 القيامة	أَلَمْ يَكُ نُطْفَةً مِّن مَّنِيٍّ يُمْنَى
		(Y. Ali) Was he not a drop of sperm emitted (in lowly form)?
“a liquid poured out”	86:6 الطارق	خَلِقَ مِنْ مَّاءٍ دَافِقٍ
		(Y. Ali) He is created from a drop emitted-
“a despised liquid”	32:8 السجده	ثُمَّ جَعَلَ نَسْلَهُ مِنْ سُلَالَةٍ مِّن مَّاءٍ مَّهِينٍ
		(Y. Ali) And made his progeny from a quintessence of the nature of a fluid despised:
	77:20 المرسلات	أَلَمْ نَخْلُقْكُمْ مِّن مَّاءٍ مَّهِينٍ
		(Y. Ali) Have We not created you from a fluid (held) despicable?-
“a mixture – Amshaj”	76:2 الأنسان	إِنَّا خَلَقْنَا الْإِنْسَانَ مِنْ نُّطْفَةٍ أَمْشَاجٍ نَّبْتَلِيهِ فَجَعَلْنَاهُ سَمِيعًا بَصِيرًا
		“Verily, We fashioned man from a small quantity of mingled liquids

PART 2: LEARN

What does the Quran say?

The fertilizing liquid has been presented in the Quran as:

- 1) "Sperm"
- 2) "a liquid poured out" Man was fashioned from a liquid poured out.
- 3) "a despised liquid" Despised "maheen" is not related to the nature of the liquid but related to the fact of being emitted through the channels used for passing urine.
- 4) "Mixtures" or "mingled liquids" or "Amshaj" Some interpreters called "Amshaj" as "male and female" agents. Others who have no background in physiology of fertilization presented this term to mean unification of the male and female elements.

The modern commentators of the "Muntakhab which is edited by the Supreme council of Islamic Affairs, Cairo" have corrected this understanding and noted that "the small quantity of sperm" is made up of various component parts.

The Quran talks also about "quintessence" or "sulalah" which refers to something which is extracted of something else or the best part of something. It is a part of a whole; "And made his progeny from a quintessence (sulalah) of the nature of a fluid despised." Quran 32:8.

What does science say?

Spermatogenic liquid is formed by various secretions which come from the following glands;

- 1) The testicles: the secretion of the male genital gland contains spermatozoons, which are elongated cells with long flagellum which swims in a sero-fluid liquid.
- 2) The seminal vesicles: these organs are reservoirs of spermatozoons and are placed near the prostate gland; they also secrete their own liquid but it does not contain any fertilizing agents.
- 3) The prostate gland secretes a liquid which gives the sperm its creamy texture and characteristic color.
- 4) The glands annexed to the urinary tract.

Fertilization of the ovum and the process of human reproduction are initiated by the sperm of the male. Out of tens of millions of sperms produced by a male, only one manages to penetrate the ovum coat and fertilize the egg. The male fertilizing cells are measured in ten-thousands of a millimeter. A large number of them will be left behind, and will never complete the journey which leads from the vagina to the ovum passing through the uterus and Fallopian tubes. There is agreement between the Quranic text and modern science.