

Medical Textbooks and Scientific Reference Works:

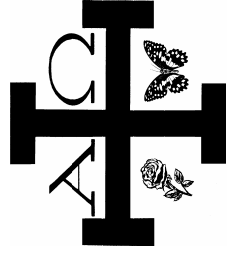
"The development of a human begins with fertilization, a process by which the *spermatozoon* from the male and the oocyte from the female unite to give rise to a new organism, the *zygote*." [Sadler, T. W. *Langman's Medical Embryology*. 7th edition. Baltimore: Williams & Wilkins 1995, p. 3]

"The chromosomes of the oocyte and sperm are...respectively enclosed within *female* and *male pronuclei*. These pronuclei fuse with each other to produce the single, diploid, 2N nucleus of the fertilized *zygote*. This moment of zygote formation may be taken as the beginning or zero time point of embryonic development." [Larsen, William J. *Human Embryology*. 2nd edition. New York: Churchill Livingstone, 1997, p. 17]

Almost all higher animals start their lives from a single cell, the fertilized ovum (zygote)... The time of fertilization represents the starting point in the life history, or ontogeny, of the individual." [Carlson, Bruce M. *Patten's Foundations of Embryology*. 6th edition. New York: McGraw-Hill, 1996, p. 3]

Medical Science Clearly Reveals:

*An Individual Human Life
Begins at Conception*



"Human Life is Sacred"

Prominent Scientists and Physicians:

The late Dr. Jerome LeJeune, Professor of Genetics at the University of Descartes in Paris, and discoverer of the genetic cause of Down Syndrome said, "After fertilization has taken place a new human being has come into being. It's no longer a matter of taste or opinion, and not a meta-physical condition, it is plain experimental evidence." *Report, Subcommittee on Separation of Powers to Sen. Judiciary Committee S-158, 97th Congress, 1st Session 1981.*

Professor Micheline Matthews-Roth, Harvard University Medical School: "It is incorrect to say that biological data cannot be decisive...It is scientifically correct to say that an individual human life begins a conception. *Ibid*

Professor Hymie Gordon Mayo Clinic: "By all the criteria of modern molecular biology, life is present from the moment of conception. *Ibid*

Ashley Montague, Geneticist and Professor at Harvard and Rutgers, who is unsympathetic to the pro-life cause, said clearly, "The basic fact is simple: life begins not at birth, but conception." *Ashley Montague, Life Before Birth (New York: Signet Books, 1977),vi.*

Dr. Landrum Shettles served twenty-seven years as attending obstetrician-gynecologist at Columbia-Presbyterian Medical Center in New York. He was pioneer in sperm biology, fertility, and sterility and is internationally famous for discovering male and female producing sperm. His intrauterine photographs of pre-born children appear in over fifty medical textbooks. Dr. Shettles states, "I oppose abortion...because I accept what is biologically manifest—that human life commences at the time of conception—and...because I believe it is wrong to take innocent human life under any circumstances. My position is scientific, pragmatic and humanitarian." *L. Shettles and D. Rovik, Rites of Life: the Scientific Evidence of Life Before Birth (Grand Rapids, MI: Zondervan Pub. 1983) 133.*

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"*Human development begins at fertilization, the process during which a male...sperm unites with a female [egg] to form a single cell called a zygote. This highly specialized, totipotent cell marked the beginning of each of us as a unique individual."* A zygote is defined as "the beginning of a new human being."

"Although most developmental changes occur during the embryonic and fetal periods, some important changes occur during later periods of development: infancy, childhood, adolescence, and adulthood. Although it is customary to divide human development into *prenatal* (before birth) and *postnatal* (after birth) periods, birth is merely a dramatic event during development resulting in a change in environment. *Development does not stop at birth.* [Moore, Keith L. and Persaud, T.V.N. *The Developing Human: Clinically Oriented Embryology.* 6th edition. Philadelphia: W.B. Saunders Company, 1998, p. 2, p. 18]

"Development of the embryo begins at Stage 1 when a sperm fertilizes an oocyte and together they form a zygote." [England, Marjorie A. *Life Before Birth.* 2nd ed. England: Mosby-Wolfe, 1996, p.31]

"Human development begins after the union of male and female gametes or germ cells during a process known as *fertilization* (conception).

"Fertilization is a sequence of events that begins with the contact of a *sperm* (spermatozoon) with a *secondary oocyte* (ovum) and ends with the fusion of their *pronuclei* (the haploid nuclei of the sperm and ovum) and the mingling of their chromosomes to form a new cell. This fertilized ovum, known as a *zygote*, is a large diploid cell that is the beginning, or *primordium, of a human being.*" [Moore, Keith L. *Essentials of Human Embryology.* Toronto: B.C. Decker Inc, 1988, p.2]