

Soft catheter for implanting embryos in uterine cavity

Domaines d'application

Medical device - Embryos transfert - Intrauterine insemination

Contexte

Embryo transfer remains a blind and non-physiological procedure. Indeed it is practiced through a transcervical route with a catheter of the aforementioned type, which is introduced through the endocervical canal in order to penetrate into the uterine cavity, which is lined with an endometrium at the maximum of its development. It is therefore not impossible that this operation may traumatize the endometrial mucosa and compromise the chances of successful transfer. Endometrial lesions caused by present catheters may therefore interfere with the implantation of an embryo if the latter is deposited at the surface of the blood layer, which is the case with a conventional catheter.

Description de la Technologie

The object of the invention is to propose a catheter with which the conditions of the embryo/endometrium interface may be improved in order to promote embryo implantation. This catheter has been specifically designed to easily pass the cervical canal and generate less stress for endometrium.

Stade de Développement

Concept

Propriété Intellectuelle

EP, CA, US patent