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Author: AV Dolinko, RA Vrees, GN Frishman

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1 **TITLE**

2 Non-tubal ectopic pregnancies: An overview and treatment via local injection

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4 **AUTHOR NAMES AND AFFILIATIONS**

5 AV Dolinko, MD (adolinko@wihri.org)

6 RA Vrees, MD (rvrees@wihri.org)

7 GN Frishman, MD (Gary.Frishman@Brown.edu)

8 Department of Obstetrics and Gynecology, Women and Infant's Hospital, 101 Dudley Street,

9 Providence, RI 02905; Warren Alpert Medical School of Brown University

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11 **ABSTRACT**

12 Ectopic pregnancies account for 1.5-2% of all pregnancy in the United States. Of these,
13 approximately 10 percent implant in non-tubal locations, including the abdominal cavity, cervix,
14 ovary, interstitial portion of the fallopian tube, broad ligament, the uterine cornua, or within a
15 cesarean section scar. Because these pregnancies tend to present later than typical tubal
16 pregnancies, they have been associated with greater maternal morbidity and mortality. Advances
17 in ultrasound technology have allowed for earlier diagnosis of non-tubal ectopic pregnancies,
18 which in turn has led to the development of novel minimally invasive techniques to manage
19 them. One of these methods involves the local injection of one of several agents directly into the
20 ectopic pregnancy. In this article, we provide a guide to this technique of local injection,
21 including an overview of the potential agents that can be used, as well as review the diagnostic
22 and specific ultrasound criteria, other possible treatment options, and overall outcomes for non-
23 tubal ectopic pregnancies.

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