(12) Ichinohasama S, Ikeuchi H, Sato T, et al. Human chorionic gonadotropin attracts regulatory T cells into the fetal-maternal interface during early human pregnancy. J Immunol. 2006; 182: 5488-97.
(13) Yoshioka S, Fujiwara H, Nakayama T, et al. Intravenous administration of autologous peripheral blood mononuclear cells prevents implantation failure in patients with repeated failure of IVF-embryo transfer. Hum Reprod. 2006; 21: 3290-4.
(14) Ishii K, Sakai Y, Nakamura T, et al. Administration of peripheral blood mononuclear cells into the uterine horn in improve pregnancy rate following frozen-embryo transfer. Asian Reprod Sci. 2010; 1(1): 30-33.
(15) Okabe T, Kurokawa N, Oda T, et al. Intrauterine administration of autologous peripheral blood mononuclear cells increases clinical pregnancy rate in frozen-thawed embryo transfer cycles of patients with repeated implantation failure. J Reprod Immunol. 2012; 93: 92-7.

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生殖補助医療における反復不成功例のなかに，形態良好胚を移植しているにもかかわらず妊娠にいたらない着床不全症例が存在する．着床不全の原因のうち，器質的要因として，子宮粘膜下筋腫，子宮内膜ポリープ，子宮内膜症，子宮奇形，卵管水腫などが挙げられる．一方，機能的要因として性ステロイドホルモンや胚

conditioned medium. JMOR. 2015; 32(1): 57–66.

〈後藤 栄〉