



MtDNA deletion in endometriosis

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Endometriosis characterized by the presence of ectopic endometrial tissue outside the uterine cavity. Endometriosis is a multifactorial disease. Oxidative stress has been proposed as a potential factor involved in the pathogenesis of the disease. Free radicals are likely to cause oxidative damage such as deletion in mtDNA. DNA was extracted from tissue of cases and controls. Assessing indicate that 60% of patients and 5% of controls shows mtDNA deletion through Gap PCR based assay; Expecting that mtDNA deletion and endometriosis have been related with each other.

Keywords: Deletion, Endometriosis, Infertility, MtDNA, ROS.