



Technical Note:

Review of New Methods for Treatment of Immunologic Recurrent Abortion Antioxidant and Anti-Stress

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Received: January 2018

Accepted: February 2019

1. Introduction

recurrent abortions are defined as the loss of three consecutive or more pregnancies in the first trimester, which may be due to the false expression of immunological factors during pregnancy. Therefore, immunodeficiency is one of the main causes of recurrent abortion, so far no known standard treatment strategy exists. Therefore in this study we can help to reduce the inconvenient side by studying and recognizing treatment methods.

2. Methods

This study is a comprehensive literary review that has been searched for in databases such as ISI, PubMed, Science Direct, Scopus and Google Scholar.

3. Results

According to research the use of vitamin D3 as a therapeutic drug or in combination with classical immunotherapy is effective by reducing the transcription of genes. also studies have shown that treatment with high doses of intravenous immunoglobulin is effective and leukocyte immunotherapy using paternal leukocytes is a successful treatment in patients with recurrent abortion with the causes of alloimmune disorder. The granulocyte-colony stimulating agent is considered as an appropriate treatment option in patients with abortion. It seems that treatment with autologous blood with an effect on the immune system in the treatment of recurrent abortions is thought to be promising. reproductive stem cells have been found to be effective in the success of pregnancy and can be used to provide new therapeutic solutions in the future.

4. Conclusion

The use of the mentioned treatment methods can improve pregnancy outcomes and control factors related to the immunological factors involved in recurrent abortions and the proper use of these therapies can help to reduce the adverse effects.