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Immunotherapies application in active stage of systemic lupus erythematosus in pregnancy: A case report and review of literature

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Abstract

BACKGROUND

Pregnancy with systemic lupus erythematosus can change the condition from stable stage to active stage, their quality of life and fertility desire become of particular concern. Pregnancy in active stage of systemic lupus erythematosus (ASLE), although rare and complicated to manage, but immunotherapies application is used properly, can have favorable outcomes now. Here we report such a success case.

CASE SUMMARY

Standardizing the pregnancy management is necessary to effectively improve the pregnancy outcome of patients with ASLE.

CONCLUSION

Match Overview

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The objective of this article is to assess the current state of evidence available in the literature on intrauterine perfusion immunotherapies in women undergoing ART treatments.

[Neuromyelitis optica spectrum disorders and pregnancy ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6107451)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6107451>

Aug 10, 2018 - Early case reports between 1999 and 2014 found no indications of such complications in NMOSD patients [58–60]; however, a 2015 retrospective case series by Nour et al. found an increased rate of miscarriage . In 6 of 14 pregnancies (43%) after NMOSD onset, miscarriage occurred within the first 24 weeks of pregnancy.

Cited by: 7

Author: Nadja Borisow, Kerstin Hellwig, Friedema...

Publish Year: 2018

[A case study on the potential angiogenic effect of human ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4691015)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4691015>

Dec 24, 2015 - Both treatment possibilities and the outcome of cancer diseases during pregnancy are well discussed in the medical literature [5–14]. Numerous publications report successful pregnancies and deliveries in the case of breast cancer, gynecological tumors and hematological malignancies, with the respect of the oncologic point of view.

Cited by: 6

Author: László Mangel, Krisztina Bíró, István Batt...

Publish Year: 2015

[\(PDF\) Pregnancy outcomes in anti-NMDA receptor ...](https://www.researchgate.net/publication/338653655...)

<https://www.researchgate.net/publication/338653655...>

Immunotherapy was used during pregnancy in 7 (64%) of our patients and 18 (86%) of the reported cases, including rituximab in 4 cases, without adverse effects.

[Pericardial effusion due to pembrolizumab-induced ...](https://www.researchgate.net/publication/330491466_Pericardial_effusion_due_to...)

https://www.researchgate.net/publication/330491466_Pericardial_effusion_due_to...

Pericardial effusion due to pembrolizumab-induced immunotoxicity: A case report and literature review Article in Current Problems in Cancer 43(5) · October 2019 with 148 Reads How we measure 'reads'

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Cited by: 63

Author: M. Y. Karim, C. N. Pisoni, M. A. Khamashta

Publish Year: 2009

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6377554>

To develop a predictive model for fetal loss in women with **systemic lupus erythematosus** (SLE). A retrospective cohort study. Data were collected in a tertiary medical centre, located in Shanghai, China, from September 2011 to May 2017. 338 pregnancies with ...

Cited by: 2

Author: Jiayue Wu, Wei Hong Zhang, Wei Hong Zha...

Publish Year: 2019

A Systematic Review and Meta-Analysis of Pregnancy ...

<https://cjasn.asnjournals.org/content/5/11/2060> ▾

Nov 01, 2010 · **Systemic lupus erythematosus** (SLE) is a multisystem autoimmune connective tissue disorder that primarily affects women of childbearing age. Normal fertility and sterility rates have been reported, and as such, **pregnancy** is a frequent occurrence in these patients (). Two major issues exist regarding the risks and management of **pregnancy** in women with SLE and renal disease.

Cited by: 507

Author: Andrew Smyth, Guilherme H.M. Oliveira, Bri...

Publish Year: 2010

Systemic Lupus Erythematosus (SLE) Therapy: The Old and ...

<https://link.springer.com/article/10.1007/s40744-020-00212-9> ▾

Jun 02, 2020 · Despite recent improvements in the treatment of **systemic lupus erythematosus** (SLE), disease activity, comorbidities and drug toxicity significantly contribute to the risk of progressive irreversible damage accrual and increased mortality in patients with this chronic disease. Moreover, even **lupus** patients in remission often **report** residual symptoms, such as fatigue, which have a ...

Author: Fabio Basta, Federica Fasola, Konstanti...

Publish Year: 2020

Cutaneous lupus erythematosus: A review of the literature ...

<https://www.sciencedirect.com/science/article/pii/S2352647519300887>

Dec 01, 2019 · Introduction. **Lupus erythematosus** (LE) is a common autoimmune disease that manifests

Systemic Lupus Erythematosus

Medical Condition

An autoimmune disorder



An autoimmune disease, with systemic manifestations including skin rash, erosion of joints or even kidney failure.

Common (More than 200,000 cases per year in US)

Often requires lab test or imaging

Treatments can help manage condition, no known cure

Can be lifelong

Causes can be heredity, ultra violet exposure and certain drugs Most common symptom is butterfly rash on face. Medication to reduce inflammation.

Symptoms

Signs and symptoms may include:

- Butterfly rash on the face
- Appetite loss
- Hair loss
- Fever
- Fatigue
- Photosensitivity
- Raynaud's phenomenon
- Pleuritis
- Pericarditis
- Painful or swollen joints and muscle pain

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Update on immunotherapy for systemic lupus erythematosus ...

<https://academic.oup.com/rheumatology/article/48/4/332/1789106> ▾

Jan 20, 2009 · Update on immunotherapy for **systemic lupus erythematosus**—what's hot and what's not! M. Y. Karim. 1. ... and in a minority of patients with the development of **active** clinical **lupus**. In a retrospective national study in France in 2003, 22 cases were found of anti-TNF-induced SLE. ... Mycophenolate mofetil in **pregnancy** after renal ...

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Cited by: 510

Author: Andrew Smyth, Guilherme H.M. Oliveira, ...

Publish Year: 2010

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there evidence report for lupus nephritis? ▾

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