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Recalcitrant paradoxical pustular psoriasis induced by infliximab: Two case reports

Xia P *et al.* Recalcitrant paradoxical pustular psoriasis

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Abstract

BACKGROUND

Paradoxical psoriasis induced by tumor necrosis factor alpha antagonists is a rare side effect of these drugs with similarities with and differences from classical psoriasis in clinical and pathological characteristics. Treating severe paradoxical psoriasis is challenging because the reported cases are rare, with treatment experience being only anecdotal.

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1 Introduction

2 Case Report

3 Discussion

Acknowledgments

We report the case of a 31-year-old woman with extended CD who paradoxically developed psoriasis during her first treatment with infliximab and later with adalimumab. Our patient was diagnosed with CD in March 2006 according to standard endoscopic, radiologic, and histologic criteria. She showed affected terminal ileum and right and transverse colon (A2 L3 and B1 Montreal Classification). She had no history of psoriasis and was otherwise healthy. At onset she started treatment with azathioprine but she develo...

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Cited by: 84

Author: Marisa Iborra, Belén Beltrán, Guillermo B...

Publish Year: 2011

Published: Apr 01, 2011

Pustular psoriasis induced by infliximab | Request PDF

<https://www.researchgate.net/publication/8406948...>

Methods: The authors report two cases of patients with severe and refractory infliximab-induced psoriasis. Results: The patients had good clinical responses after switching to another TNF blocker.

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2883373>

We report a case in which preexisting psoriasis vulgaris was repeatedly aggravated during treatment with infliximab for CD, which is a rare rheumatologic disease in Korea. Most previously reported cases

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Because there are reports of paradoxical induction of pustular psoriasis following the use or withdrawal of infliximab as well as other TNF inhibitors, the use of these agents in palmoplantar ...

Psoriasis induced by infliximab in a patient suffering ... [翻译此页](#)<https://pubmed.ncbi.nlm.nih.gov/19822070>

We describe the case of a 30-year-old female with no family history of psoriasis and suffering from Crohn's disease successfully treated with infliximab at the dosage of 5 mg/kg. On the 15th week from the start of therapy, the patient developed a palmoplantar pustular psoriasis, which spread to the ...

Cited by: 23 Author: E Manni, P Barachini
Publish Year: 2009

Treatment of recalcitrant pustular psoriasis with ... [翻译此页](#)https://www.researchgate.net/publication/8555815_Treatment_of_recalcitrant_pustular...

Infliximab, a tumor necrosis factor alpha antagonist, has recently been shown to be successful for the short-term treatment of generalized pustular psoriasis (GPP) in multiple case reports.

Exacerbation of infliximab-induced paradoxical ... [翻译此页](#)<https://onlinelibrary.wiley.com/doi/full/10.1111/1346-8138.13803>

Paradoxically, such treatment has been shown to aggravate psoriasis, which is treated by continuing with the same anti-TNF- α therapy or switching to another biologic. 1 Safa et al. 2 reported a case in which paradoxical reaction induced by one biologic was exacerbated by another biologic. We present an interesting case of infliximab ...

Treatment of recalcitrant pustular psoriasis with ... [翻译此页](#)<https://pubmed.ncbi.nlm.nih.gov/15149518>

We studied the effect of infliximab, a monoclonal antibody against TNF-alpha, on chemokine expression in pustular psoriasis. A 61-year-old man with a 2-year history of severe pustular psoriasis of von Zumbusch type who did not respond to conventional therapies responded rapidly to treatment with infliximab.

Recalcitrant, generalized pustular psoriasis: rapid and ... [翻译此页](#)https://www.researchgate.net/publication/7017910_Recalcitrant_generalized_pustular...

There are several case reports and case series indicating efficacy of infliximab (used off label) in pustular psoriasis (Trent et al 2004; Schmick et al 2004; Lewis et al 2006; Weisenseel et al ...

Case of psoriasiform and pustular eruptions in ... [翻译此页](#)<https://pubmed.ncbi.nlm.nih.gov/29855072>

Case of psoriasiform and pustular eruptions in addition to alopecia as a paradoxical reaction induced by infliximab J Dermatol . 2018 Dec;45(12):e331-e333. doi: 10.1111/1346-8138.14485.

Cited by: 2 Author: Miho Shimokata, Takeshi Namiki, Shown T...
Publish Year: 2018

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1 Introduction 2 Case Report 3 Discussion Acknowledgments

Anti-tumor necrosis factor-alpha (anti-TNF- α) therapy leads to significant improvement in several immune-mediated diseases as inflammatory bowel disease (IBD), rheumatoid arthritis, Behçet's disease, and psoriasis. Currently many new biological therapies are under development; however three anti-TNF therapies have demonstrated effectiveness in Crohn's disease (CD): Infliximab (a chimerical monoclonal antibody with 75% human and 25% mouse origin), adalimumab (antibody 100% human) and certolizum...

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Pustular psoriasis is an uncommon variant of **psoriasis** characterized by widespread pustules on an erythematous background. Recent **reports** document the efficacy of immunobiologic agents such as **infliximab** in the treatment of **pustular psoriasis**. We present a ...

Cited by: 104**Author:** Marzieh Thurber, Adrienne Feasel, John R ...**Publish Year:** 2004

Paradoxical pustular psoriasis induced by ustekinumab in a ...

<https://pubmed.ncbi.nlm.nih.gov/29705819>

Palmoplantar **pustular psoriasis** (PPP) is a clinical form of **psoriasis**, for which tumor necrosis factor alpha inhibitors (TNFi) or interleukins 12/23 inhibitor (ustekinumab) can be a therapeutic option.

Paradoxical psoriatic reactions **induced** by TNFi are now well known. We present the exceptional cas ...

Cited by: 9**Author:** Michael Benzaquen, Benoit Flachaire, Fran...**Publish Year:** 2018

PEOPLE ALSO ASK

Can infliximab cause psoriasis? ▾

Can "anti TNF" cause psoriasis? ▾

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What is acute pustular psoriasis? ▾

Feedback

Palmoplantar psoriasis (PPP) & Recalcitrant palmoplantar ...

<https://jsstd.org/management-of-recalcitrant-palmoplantar-psoriasis> ▾

Apr 22, 2019 · Palmoplantar **psoriasis** (PPP) is a common condition which may occur alone or at times may alternate with psoriasis in some patients. The **recalcitrant** nature points to the need for systemic therapy but a trial with topical therapy is needed before planning systemic therapy.

Author: Laxmi V. Nair**Publish Year:** 2019