

primary studies - published, non RCT

Iatrogenic adrenal insufficiency as a side-effect of combined treatment of itraconazole and budesonide.

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Participants

25 CF patients treated with both itraconazole and budesonide, and in 12 patients treated with itraconazole alone (six patients with CF and six with chronic granulomateous disease). additional 30 CF patients were used as controls

Interventions

25 CF patients treated with both itraconazole and budesonide, and in 12 patients treated with itraconazole alone (six patients with CF and six with chronic granulomateous disease).

Outcome measures

Mineralocorticoid and gonadal steroid function were evaluated by measurements of plasma-renin, follicle stimulating hormone, luteinising hormone, progesterone, oestradiol, testosterone, serum-inhibin A and B.

Main results

25 CF patients treated with both itraconazole and budesonide, and in 12 patients treated with itraconazole alone (six patients with CF and six with chronic granulomateous disease).

Authors' conclusions

In patients treated with this combination of drugs, screening for adrenal insufficiency at regular intervals is suggested.

<http://www.mrw.interscience.wiley.com/cochrane/clcentral/articles/393/CN-00409393/frame.html>

See also

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Keywords

Adolescent; Adult; Antifungal Agents; Budesonide; Child; Gonadal Disorders; Itraconazole; pharmacological_intervention; Polypharmacy; Steroids; Allergic Bronchopulmonary Aspergillosis -ABPA-; Aspergillus; Fungi; Infection; Respiratory Tract Infections; Respiratory Tract Diseases; Combined Modality Therapy; Anti-Inflammatory Agents;