



BIOLÓGIAI TERÁPIÁBAN RÉSZESÜLŐ
JUVENILIS IDIOPATHIAS ARTHRITISES
BETEGEK INFEKCIÓS SZÖVŐDMÉNYE

JIA

- Infekció rizikó:

- Alapbetegség

- *Beukelman T. et al.: Rates of hospitalized bacterial infection associated with juvenile idiopathic arthritis and its treatment. **Arthritis Rheum**, v. 64, n. 8, p.*

- Társuló immundeficiencia

- *Spârchez M et al.: Primary complement and antibody deficiencies in autoimmune rheumatologic diseases with juvenile onset: a prospective study at two centers. *Pediatr Rheumatol Online J.* 2015 Nov 21;13:51*

- Gyógyszeres kezelés

JIA

- Stoof SP et al.:

Kinetics of the long-term antibody response after **meningococcal C** vaccination in patients with juvenile idiopathic arthritis: a retrospective cohort study.

Ann Rheum Dis. 2014 Apr;73(4):728-34.

- Aikawa NE et al.:

Short and long-term immunogenicity and safety following the **23-valent polysaccharide pneumococcal vaccine** in juvenile idiopathic arthritis patients under conventional DMARDs with or without anti-TNF therapy.

Vaccine. 2015 Jan 29;33(5):604-9.

RA

Nagel et al : The association between antibody levels before and after **7-valent pneumococcal** conjugate vaccine immunization and subsequent pneumococcal infection in chronic arthritis patients. Arthritis Research & Therapy (2015) 17:124

- High age and prednisolone
- TNF inhibitors did not significantly affect antibody responses

Mor S et al.: **Pneumococcal polysaccharide** vaccination in rheumatoid arthritis patients receiving tocilizumab therapy. Ann Rheum Dis 2013;72:1362–1366

- TCZ does not impair PPV23 immunogenicity in RA
- antibody responses may be reduced: TCZ + MTX



Kapetanovic MC et al.:

Influenza vaccination as model for testing immune modulation induced by anti-TNF and methotrexate therapy in rheumatoid arthritis patients

Rheumatology 2007;46:608–611

- RA patients treated with MTX without TNF blockers had significantly better serological response to influenza vaccination compared with those receiving TNF blockers alone or in combination with MTX and/or other DMARDs.

Jövő....



- Kérdőívek
- Immunológiai vizsgálatok:
 - Celluláris immunválasz vizsgálata
 - Humorális immunválasz vizsgálata
 - Gyermek és /vagy felnőtt beteganyag