

Continuing Medical Education

CME MCQ – 21

Intravenous Immunoglobulin

The following questions are based on a recently published paper in: *Acta Derm Venereol* 2007; 87: 206–218. *Intravenous Immunoglobulin: Properties, Mode of Action and Practical Use in Dermatology*. Christa Prins, Erwin W. Gelfand and Lars E. French.

1. Indicate routine tests before initiating therapy with IVIG:

- A. Liver function.
- B. Renal function.
- C. A complete blood cell count.

- D. Viral hepatitis screen.
- E. Exclude IgA deficiency.

2. IVIG has an immunomodulatory activity based on processes that are implicated in innate or acquired immune responses. Each of the following selective and distinct molecular mechanisms are biological effects of IVIG *except*:

- A. Functional blockade of Fc receptors.
- B. Complement inhibition.
- C. Modulation of dendritic cell properties.
- D. Activation or functional blockade of the death receptor Fas (CD95).

- E. Increase function of autoreactive B lymphocytes.
- F. Enhanced steroid sensitivity.

3. Beneficial effects of IVIG have been reported for a number of dermatological diseases, although several indications are still controversial do to the lack of controlled clinical trial data. Indicate potentially useful dermatological indications for IVIG therapy.

- A. Dermatomyositis.
- B. Chronic urticaria.
- C. Pemphigus vulgaris and foliaceus.
- D. Psoriasis.
- E. Atopic dermatitis.

Recommended answers:
1. A + B + C + D + E.
2. E.
3. A + B + C + E.