Topics

- Type I hypersensitivity
- Type II hypersensitivity

Type I hypersensitivity

- Immediate IgE - mediated
- Localized anaphylaxis
- General anaphylaxis
- Immunotherapy

Figure 18.1 - Immediate IgE – mediated
Figure 18.2 Localized anaphylaxis

Generalized anaphylaxis

- Antigens become widespread
- Shock (reduced blood pressure)
- Ex. Bee stings, peanuts and penicillins

Figure 18.3 Immunotherapy
Type II hypersensitivity

- Cytotoxic
- Transfusion reactions
- Hemolytic diseases

Cytotoxic

- Complement lysis
- Antibody – dependent cellular cytotoxicity (ADCC)

Table 18.2 - Transfusion reactions