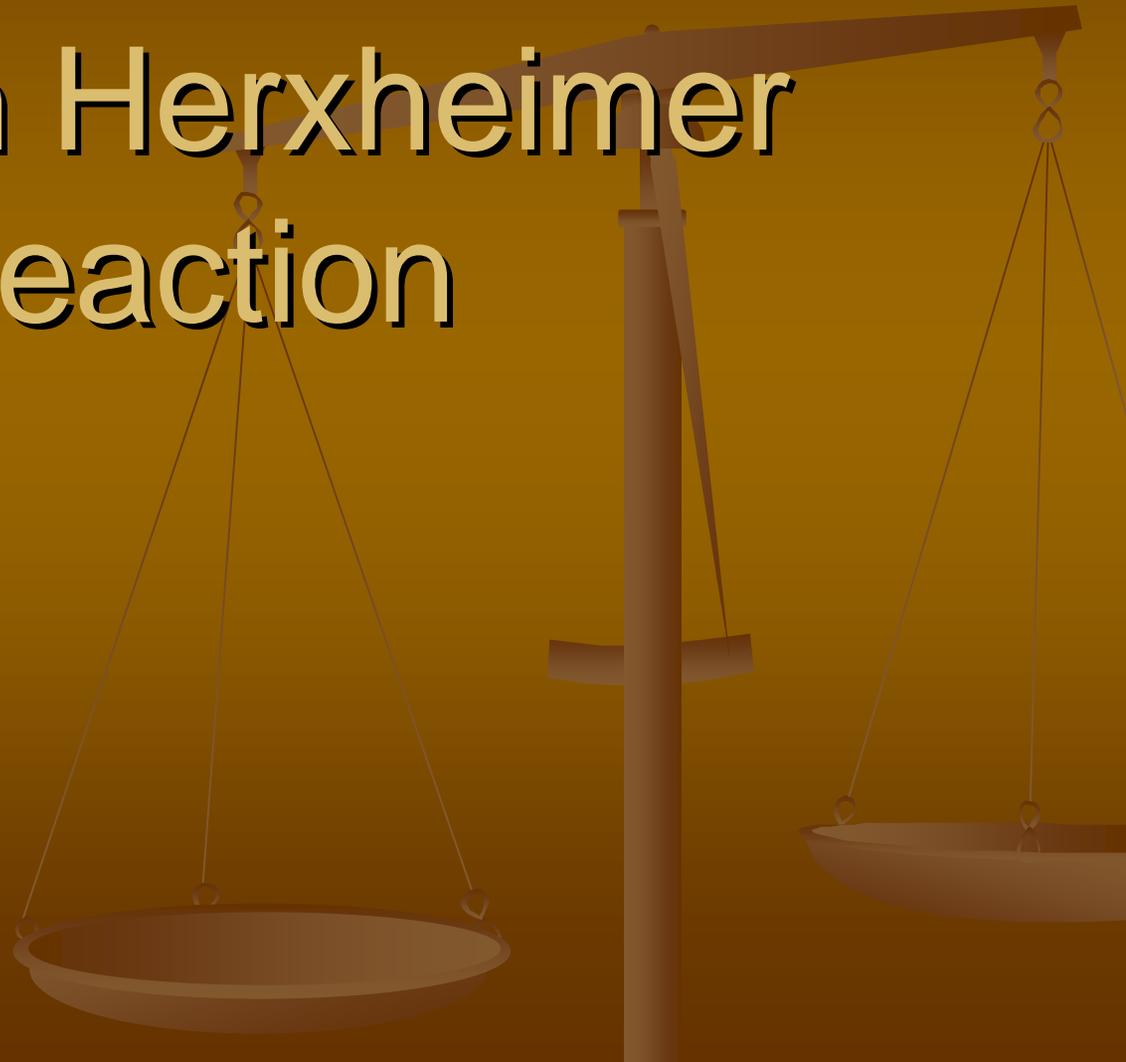
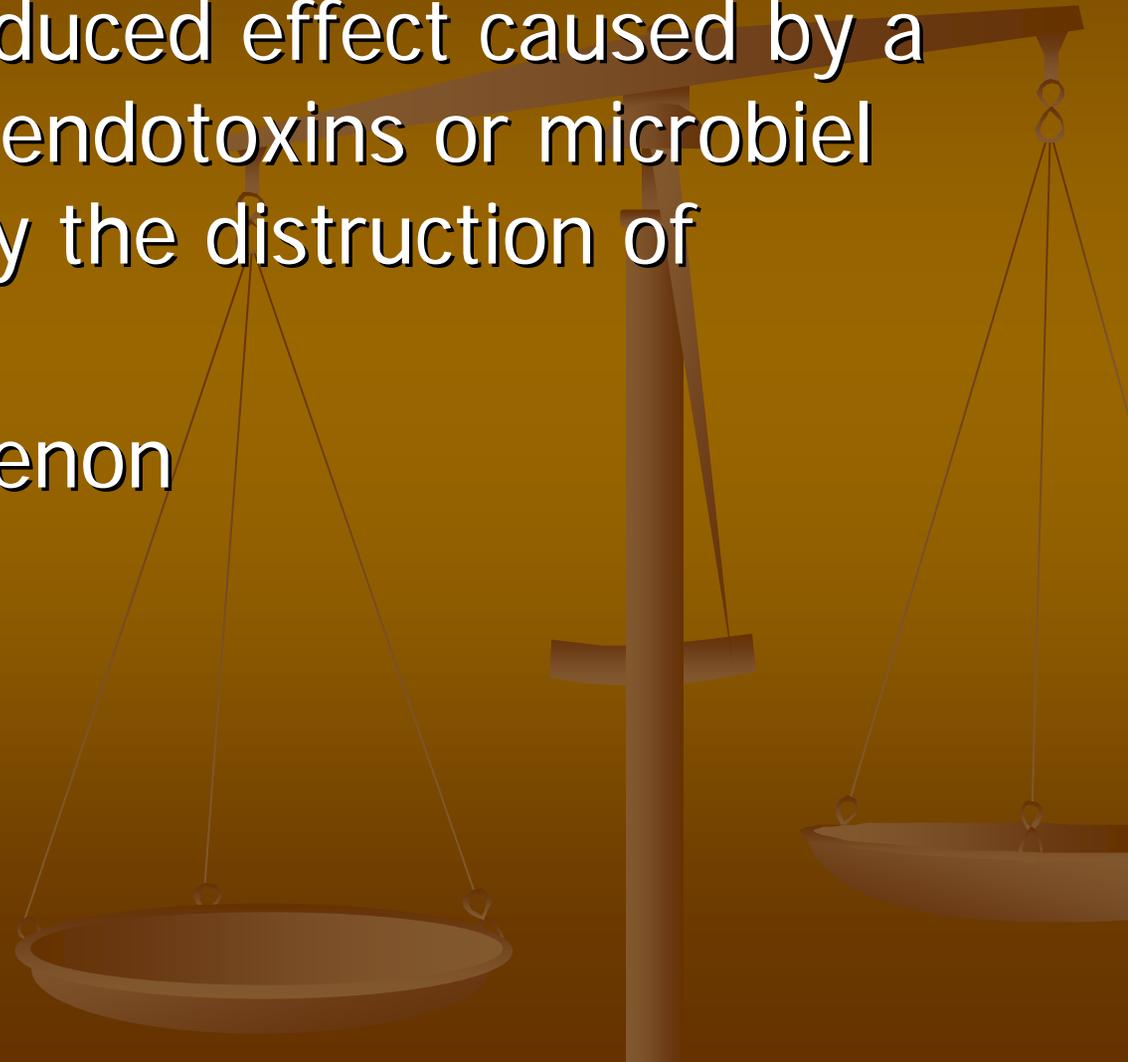


Jarisch Herxheimer Reaction



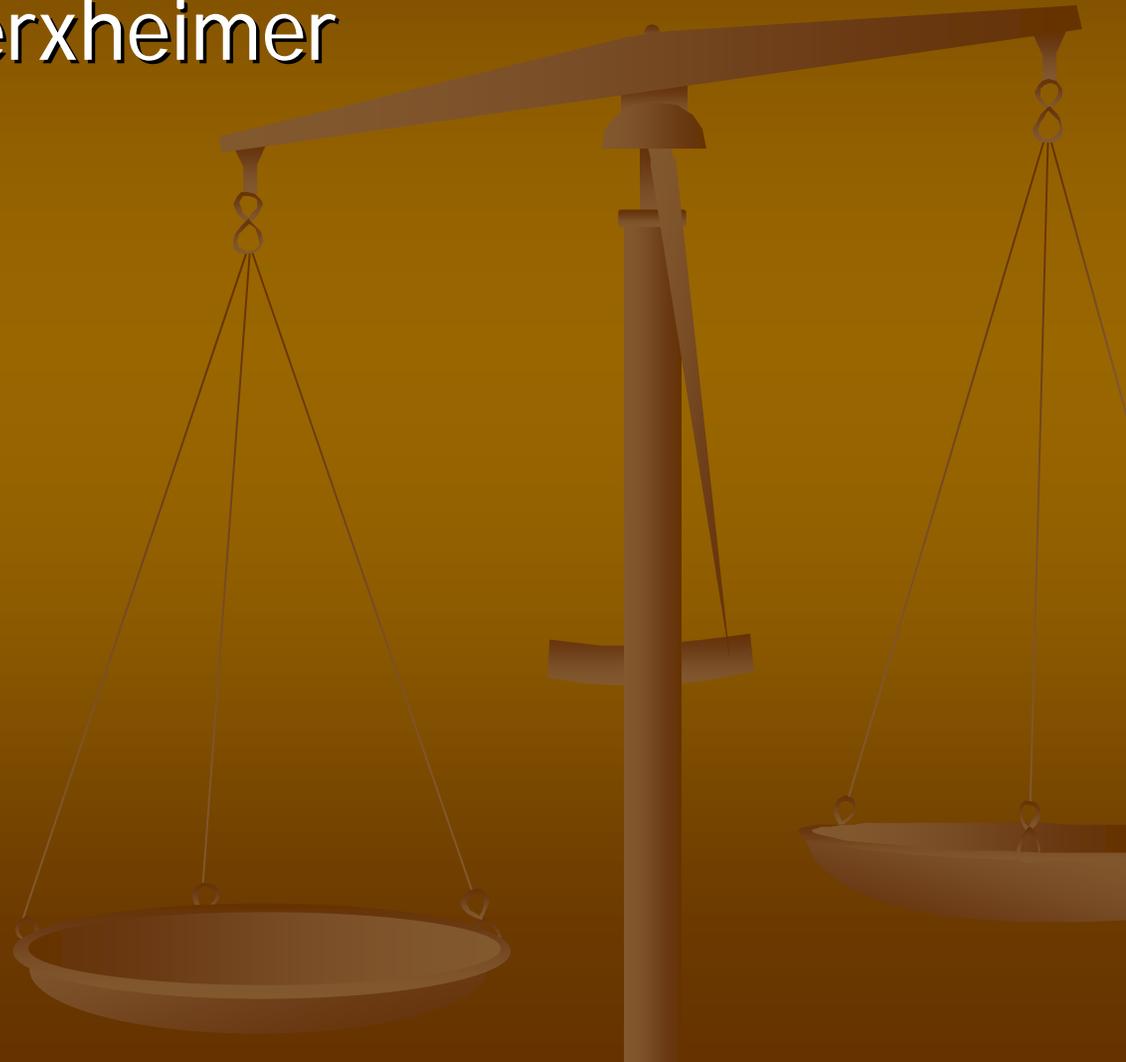
Introduction

- Indirect drug induced effect caused by a rxn to bacterial endotoxins or microbial Ag's liberated by the destruction of microorganisms
- Lucio's phenomenon



History

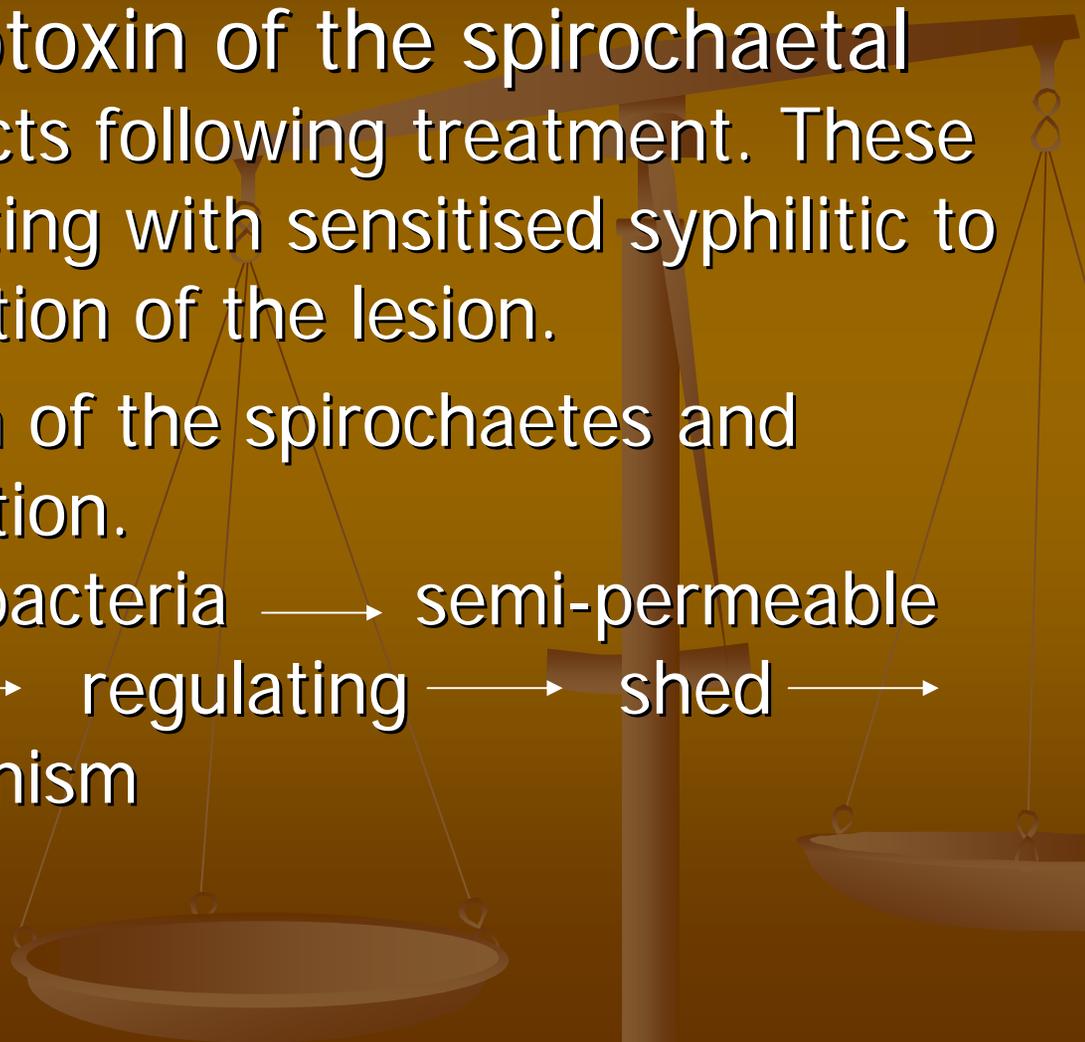
- Jarisch Adolf Herxheimer
- Karl Hexheimer



Aetiopathogenesis

- Release of endotoxin of the spirochaetal breakdown products following treatment. These products are reacting with sensitised syphilitic to produce exacerbation of the lesion.
- Due to stimulation of the spirochaetes and inadequate education.

Endotoxin of the bacteria → semi-permeable membrane → regulating → shed → Death of the organism



Clinical Manifestations

■ Flu-like symptoms :

1. Fever
2. Myalgia
3. Headache
4. ↑ HR
5. Respiratory Rate



Lab Results

- Increased Neutrophils
- Decreased Lymphocytes
- Decreased Eosinophils



Treatment

- Resolves on its own
- Bedrest
- Asprin
- No steriods
- Continued antibiotics

