

TOLERANCE / DESENSITIZATION & ADVERSE DRUG REACTIONS

Phocomelia

Thalidomide crisis

Thalidomido was markatod in

IATROGENIC DISEASE

hypnotic & as for morning sickness during pregnancy

In 1961 a report of out break of phocomelia in the neoborn babies(40000-100000 cases)



Distinguish difference between tolerance and desensitization (tachyphylaxis) and reasons for their development

ILOS

Recognize patterns of adverse drug reactions (ADR)

TOLERANCE AND DESENSITIZATION

Phenomenon of variation in drug response, whereby there is a gradual diminution of the response to the drug when given continuously or repeatedly





Loss of effectiveness of antimicrobial agent







ADVERSE DRUG REACTIONS [ADRS]

Harmful or seriously unpleasant effects occurring at doses intended for therapeutic effects.



TYPES OF ADRS

























hypoglycemic drugs





Occurs different to known drug pharine [and the second How mortal is it ? Idio How is it treated? ug read qualitativel different pulation unpl from the primary effect? Usuany que to patient s genetic defect or

immunological response.

Penicillin

Anaphylactic shock

Thrombocytopenia -> Quinine









Occurs after long period of time even after drug stoppage (delayed in onset)

Refers to carcinogenic and teratogenic effects

Teratogenicity→Retinoids Carcinogenicity→ Tobacoo smoking







Occurs after sudden stoppage of chronic drug use due to existing adaptive changes

Withdrawal syndrome -> Morphine

Withdrawal of diazepam 🔶 anxiety, insomnia



