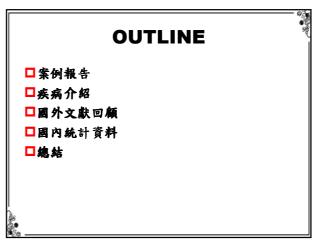
Case Report Allopurinol induced SJS 國立陽明大學附設醫院 禁奕良 藥師



Case report

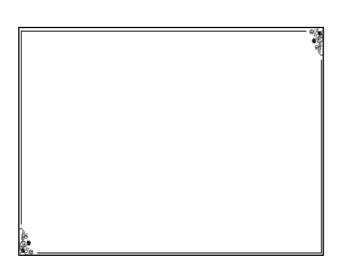
病人基本資料(1) □性別: 女 □年齡: 73歲 □入院日期: 2013/7/20 □病息主訴: □Intermittent conscious loss recently □入院診斷: □下ever □ Diabetes with renal manifestations □ Urinary tract infection (UTI) □ Hypokalemia □ Snycope, r/o seizure, r/o electrolytes imbalance or infection related, or intracranial lesion related

病人基本資料(2) □過往病史: Cellulitis, lip, suspect herpetic labialis Oral candidiasis, improved Type 2 DM Hypertension CKD Chronic ischemic heart disease Parkinsonism □過敏紀錄: Nil □家族病史: Nil

不良反應進程(1) □2013/7/5 >全身紅疹曾於皮膚科門診就醫,使用口服 Fexofenadine 60 mg BID □2013/7/19 · 仍有紅疹,再次於皮膚科門診就醫,加關 Fluocinonide藥膏 □2013/7/20 BUTI及發燒住院,給予抗生素Ceftazidime 1g IV QD 治療,同時有服用多種自備藥品 □2013/7/21 · 仍全身紅疹,值班醫師開立Chlorpheniramine 5 mg IV ST+Q12H,並DC自備藥品Allopurinol



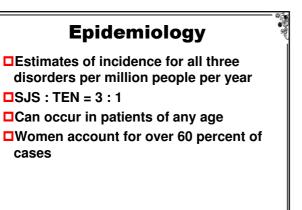


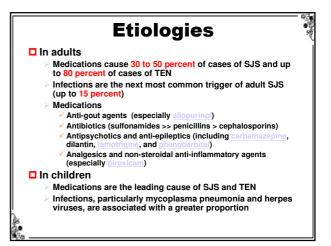




造成不良反應疑似藥品 □Allopurinol □已知的使用記錄 √102/3/26~102/4/10 √102/7/2~102/7/21 ●診皮膚科的診斷結果 □租案例多 □Nateglinide □已知的使用記錄 √102/7/2~102/8/2 >新加入使用的藥品





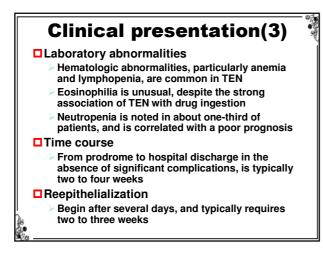


Clinical presentation(1) □ Prodrome ➤ Fever and influenza-like symptoms one to three days before the development of mucocutaneous lesions ➤ Fever is usually higher with TEN, and often exceeds 39 degrees Celsius ➤ Alert clinicians to the possibility of SJS/TEN ✓ Confluent erythema (erythroderma) ✓ Facial edema or central facial involvement ✓ Skin pain

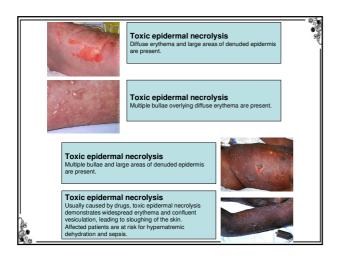
✓ Skin necrosis ✓ Blisters and/or epidermal detachment ✓ Mucous membrane erosions and crusting ✓ Swelling of tongue

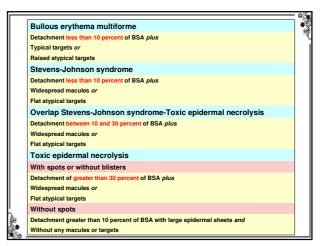
✓ Palpable purpura

Clinical presentation(2) Skin A burning sensation or other paresthesias may be noted Lesions are symmetrically distributed, and start upon the face and thorax before spreading to other areas Vesicles and bullae then form and the skin begins to slough within days Mucosa Mucosa Mucous membranes are involved in more than 90 percent of cases of SJS/TEN Typically, at least two mucus membranes are affected

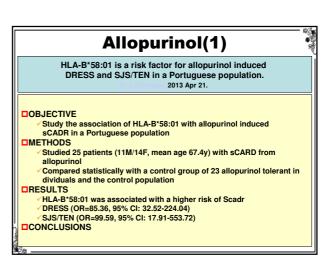


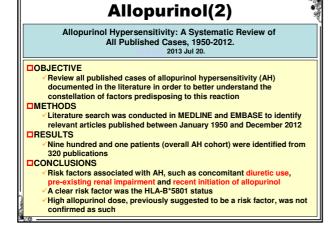




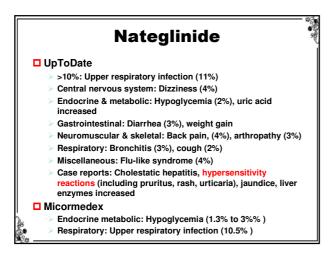


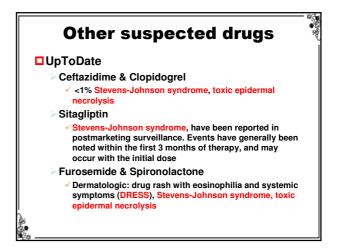
Literature review

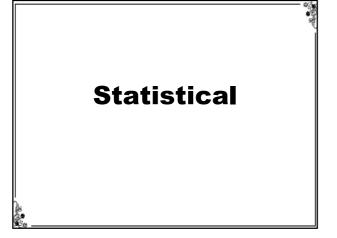


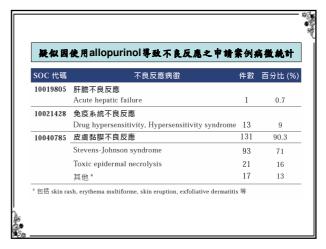


Allopurinol(3) ■ UpToDate Dermatologic: Rash Gastrointestinal: Diarrhea, nausea Hepatic: Alkaline phosphatase increased, liver enzymes increased <1% (Limited to important or life-threatening): Stevens-Johnson syndrome, taste perversion, thrombocytopenia, toxic epidermal necrolysis ■ Micormedex Dermatologic: Rash (less than 1%), Stevens-Johnson syndrome (less than 1%), Toxic epidermal necrolysis (less than 1%) Hematologic: Agranulocytosis, Aplastic anemia, Eosinophilia, Myelosuppression, Thrombocytopenia (0.6%) Hepatic: Granulomatous hepatitis (less than 1%), Hepatic necrosis (less than 1%), Hepatotoxicity Immunologic: Immune hypersensitivity reaction Renal: Renal failure (less than 1%)

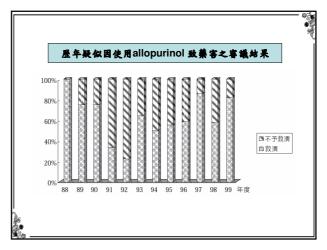




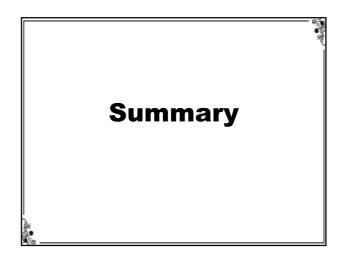


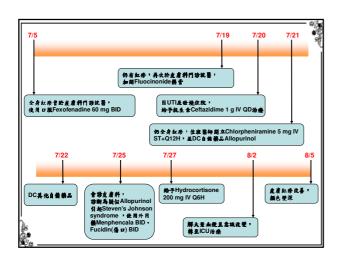


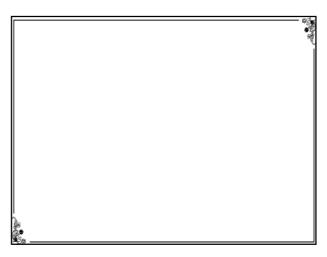


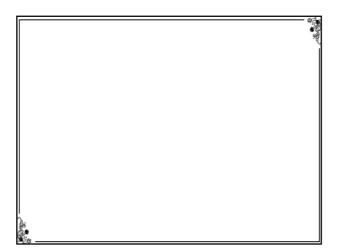


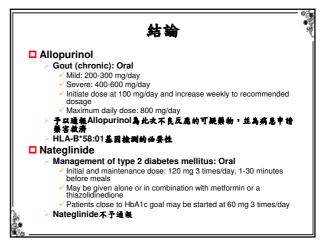
給付情形	案件數	救濟金額 (千元)	分項百分比 (%)	總計百分比 (%)
總案件數	145			-
给予救濟	90	3,588		62.1
嚴重疾病 ⁺ 障礙 [#] 死亡	45 2 43	193 215 3,180	50 2.2 47.8	
不予救濟及其原因	55	-		37.9
有事實足以認定藥害之產生應由藥 害受害人、藥物製造業者或輸入業 者、醫師或其他人負及責任	18	-	32.7	
未依藥物許可證所載之適應症或效 能而為藥物之使用	29	-	52.7	
藥物不良反應未達死亡、障礙或嚴 重疾病之程度	2	-	3.6	
常見且可預期之藥物不良反應	1	-	1.8	
與使用藥品無關	3	-	5.5	
其他	2	-	3.6	











Thankş for your attention!