

**Cite this as:** Yuan LIANG, Zhou YANG, Zi-gang XU, Lin MA, 2017. Toxic epidermal necrolysis after dactinomycin and vincristine combination chemotherapy for nephroblastoma. *Journal of Zhejiang University-Science B (Biomedicine & Biotechnology)*, 18(7):649-652.  
<http://dx.doi.org/10.1631/jzus.B1700065>

# **Toxic epidermal necrolysis after dactinomycin and vincristine combination chemotherapy for nephroblastoma**

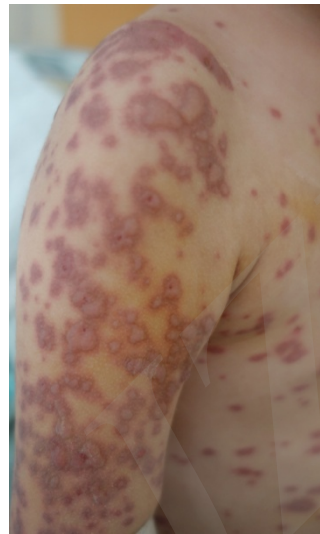
**Key words:** Drug reaction, Malignant neoplasm, Toxic epidermal necrolysis, Chemotherapy, Nephroblastoma

# ***Case Report Summary***

**We describe a patient with nephroblastoma who has developed toxic epidermal necrolysis associated with combination chemotherapy administration of dactinomycin and vincristine :**



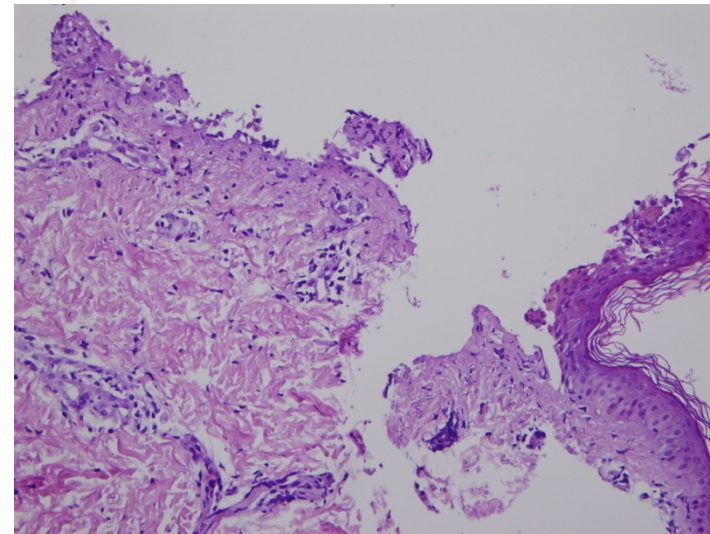
**Fig.1** Coalescing violaceous macules with flaccid bullae developed on face



**Fig.2** Right arm showing bullae on the original erythematous dusky red macules



**Fig.3** Erosions with hemorrhagic crusts on lips and conjunctivitis can be seen



**Fig.4** Completely necrotic epidermis is detached from underlying dermis, with mild chronic inflammation was noted in the dermo-epidermal junction and upper dermis (H&E, ×20)

# ***Innovation points***

- **A pediatric case of dactinomycin-induced TEN**
- **An alert for the oncologist aware of the particular syndrome-TEN**
- **An alert for the dermatologist cautious of TEN occurred in oncologic patients with chemotherapy**