Session 6
Reactive Lymphoproliferations of the skin
Rein Willemze

Session Summary

Summary session 6

- Atypical T-cell infiltrates (lymphomatoid; pseudo-T-cell lymphoma; PCSM-TCL).
- Atypical B-cell infiltrates (CLH; pseudo-B-cell lymphoma).
- Reactive conditions mimicking C-ALCL/LyP
- (Lupus) panniculitis
- Special cases

Another four cases

Session 6 - case 211

Submitted by Gulsah Kaygusuz and Isinsu Kuzu
Ankara University, School of Medicine, Dept. of Pathology, Turkey

- 21 years old, female
- presented with subcutaneous, nodular lesion on right temporal region of the scalp for 2 months.

H&E

CD20   CD3   Bcl-6

Bcl-2   CD21   KI-67
Panel diagnosis:
Reactive follicular hyperplasia due to bloodsucker (Annelida, Hirudinea) application.

Multiple pseudolymphomas caused by Hirudo medicinalis therapy

Cutaneous Lymphoid hyperplasia

**Etiology:**
- Tick bites (Borrelia burgdorferi infection)
- Tattoo pigments
- Antigen injections; piercings; golden earrings, etc.
- Unknown

*In common: intradermal antigens bypassing epidermal LC network.*

**Synonyms:**
- Pseudo-B-cell lymphoma
- Lymphadenosis benigna cutis
- Lymphocytoma cutis
- Sarcoid of Spiegler-Fendt

Scabies Bite Reaction Mimicking LyP

- A 51-year-old woman presenting with
- a two month history of pruritic lesions on her arms and trunk.
Panel diagnosis: Scabies Bite Reaction

Benign cutaneous CD30+ conditions

Viral infection:
- molluscum contagiosum
- Orf; milker’s nodule
- Herpes virus infection
- HPV
- HIV

• Parasite infections (scabies)
• Atopic dermatitis
• Insect bites, patch tests, etc.
• Traumatic ulcerative granuloma with stromal eosinophilia (TUGSE).

Clinical History:
21-year-old female with an ulcerative lesion on mucosa upper lip since one week.
Case 303 – main findings

- Ulcerative lesion of oral mucosa.
- Atypical T-cell infiltrate of medium-sized to large blast cells, admixed with small lymphocytes, histiocytes and eosinophils.
- Phenotype: CD30+, CD2+, CD3+, CD4+, CD5-, CD8-, CD56-, TIA-1+, GrB-.
- EBER: negative
- Clonal TCR gene rearrangement.
- Staging negative.

Differential diagnosis:
- Counterpart spectrum cutaneous CD30+ LPD
- TUGSE
Session 6 - case 303

Submitted by Patty Jansen and Rein Willemze
Depts. of Pathology and Dermatology, LUMC, Leiden, The Netherlands

Panel diagnosis:
Traumatic Ulcerative Granuloma with Stromal Eosinophilia of the oral cavity (TUGSE)

Case 303 – TUGSE

- Ulcerative lesion of oral mucosa (tongue).
- Self-limiting; rapid regression (after biopsy).
- DD clinically: SCC; lymphoma; syphilis !!
- CD30+ large atypical cells (50%)
- Stromal eosinophilia
- May be clonal (25%)

Session 6 - case 159

Submitted by Seble Chekol, MD and Nahid Nanaji MD
Dept. of Pathology, University of Maryland Medical Center, Baltimore

Cutaneous anaplastic large cell lymphoma (ALK negative)

- 83-year-old female with an ulcerative lesion on her lower lip.
- Previously biopsied and diagnosed as poorly differentiated SCC.
- Examination: exophytic mass on the lower lip.
Panel diagnosis:
**Traumatic Ulcerative Granuloma with Stromal Eosinophilia of the oral cavity (TUGSE)**