# It's all in the lips...

An interesting case Claire Naftalin



- CD4 480 (29%)
- VL 33,500
- Hb 8.5, MCV 90.3, WCC 3.7, Eos norm, Plt 206
- Albumin 24
- Haematinics /electrophoresis normal
- Polyclonal IgG raised
- Hepatitis screen negative
- Chest x-ray NAD
- 3x EMU negative for TB



















# Differential diagnoses?

## **Differential diagnoses?**

- Infection:
  - Bacterial pneumonia
  - TB
  - Atypical mycobacteria
  - Fungi (e.g. Histoplasma)
  - PCP
  - Protozoa (e.g. Leishmania)
- Interstitial lung disease
- Sarcoidosis

- Malignancy:
  - Lymphoma
  - Castleman's
  - Other occult malignancy
  - Kaposi's sarcoma

Lung Function Tests		
	Aug 2005	Sept 2009
FEV1	2.41	1.98
FVC	2.67	2.34
FEV1/FVC	91	85
Corr TLCO (% of predicted value)	92%	61%











# Lymphocytic Intersitial Pneumonitis

### Audience participation

- How best to treat LIP?
  - 1. Nothing can be done
  - 2. Antiretrovirals +/- steroids
  - 3. Antiretrovirals +/- immunoglobulins
  - 4. Antiretrovirals +/- immunosuppressants such as Aziothioprine



	Aug 2005	Sept 2009	Jan 2010	
EV1	2.41	1.98	2.14	
=VC	2.67	2.34	2.53	
EV1/FVC	91	85	85	
orr TLCO 6 of predicted)	92%	61%	63%	





#### Learning Points for Lymphocytic Interstitial Pneumonitis

- Part of a spectrum of lymphocytic infiltrative disorders including DILS
- Rare in HIV positive adults, more common in children
- Symptoms non-productive cough, exertional dyspnoea
- May be asymptomatic
- Radiology shows interstitial picture
  - bilateral reticular and ground glass opacities predominantly in the lung bases



## Histology

- Interstitial infiltrates of:
  - Lymphocytes (polyclonal)
  - Plasma cells
  - Histiocytes
- Non-caseating granulomas

- Involves:
  - Alveolar septae
  - Subpleural areas
  - Intralobular septae
  - Lymphatics