



CONFERENCE

2014

24-27 SEPTEMBER AT CTICC

Excelling in Clinical Care

HIV

TB

STI



REFUSING TO ACCEPT DIAGNOSIS

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THE BACKGROUND

- ◉ 31yr old lady
- ◉ Developed painful burning rash on the face about 1/52 earlier
- ◉ Consulted on a Monday - traditional wedding procedures concluded on the Sunday
- ◉ Tested within the last month before consultation at local clinic

THE PATIENT



CLINICAL FINDINGS

- ◉ Cervical lymphadenopathy
- ◉ Herpes Zoster ophthalmicus
- ◉ Oral thrush

CLINICAL FINDINGS

- ◉ Cervical lymphadenopathy ¹(I)
- ◉ Herpes Zoster ophthalmicus ¹(II)
- ◉ Oral candidiasis ¹(III)

¹<http://www.who.int/hiv/pub/guidelines/clinicalstaging.pdf>

DETAILS

- ⦿ Rapid test at clinic = -ve
- ⦿ Pre-test counselled
- ⦿ Consented to test
- ⦿ Lancet 4th gen ELISA done

TREATMENT

- ◉ Acyclovir 800mg po qid
- ◉ Trepiline 25mg po nocte
- ◉ Panado Co 2 po tds
- ◉ Chloromex eye ointment
- ◉ Amoxil-clavunate (Augmentin) 1000mg po bd
- ◉ Fluconazole 200mg

DETAILS CONT...

- ◉ Came back for results on the Wednesday - felt and looked better
- ◉ Post-test counselled
- ◉ HIV +ve

CHALLENGE

- ⊙ Patient denies the result:
 - Rapid test at clinic was negative
 - Current illness not related to HIV
 - Just got married

DISCUSSION

- ◉ Why the HIV -ve result with rapid test?
- ◉ Why the denial of the results?
- ◉ What's likely outcome for future tests/health seeking behaviour?

WHY THE DENIAL OF THE RESULTS?

LIKELY HEALTH/TESTING OUTCOMES

WHY THE HIV -VE RESULT

- ORT equivalent to ELISA²
- 2 situations where the test fails:
 - a) Acute HIV³
 - b) Late-stage AIDS⁴
- Sensitivity v/s Specificity
- Sensitivity = *ability to correctly diagnose people with infection*
- Specificity = *ability to correctly deliver negative result*

2 <http://www.scielosp.org/pdf/rpsp/v33n6/07.pdf>

3 <http://www.aidsmap.com/More-evidence-that-rapid-combination-test-often-fails-to-detect-acute-HIV-infection/page/2543010/>

4 <http://www.medscape.com/viewarticle/578652>

WHY THE -VE RESULT?

- ◉ Storage
- ◉ Expiry date
- ◉ Technique

CONCLUSION

- ⦿ Rapid tests have an important role
- ⦿ Proper storage of the test and technique
- ⦿ Appropriate clinical scenario
- ⦿ If test results are in conflict with clinical finding, proceed to formal laboratory testing with ELISA or PCR

THANK YOU



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