



## HIV in Gender Diverse Populations – Case Study

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the art of



## Angelique

34 y TGW  
Malaysian  
No Medicare





## PMSHx

- Transgender
- Breast Augmentation Thailand 2012

## Medications

- Microgynon 50



## Social History

- Lives with Australian partner of 10 yr James
- Hairdresser
- Applying for PR
- Fears returning to Malaysia – not accepted by her family, threat of violence





## PC

- Arrives very late to her appointment
- Just wants a refill on her hormones
- At end of consult mentions some anal lumps



## HPC

- Anal lumps growing over past year, partner does not have any
- Not very sexually active with James
- Admits to a couple of other sexual partners in last few years
- Last HIV test was “about 10 yr ago”





## O/E

- Numerous large external and intra-anal warts
- Also several isolated warts on scrotal skin and at base of penis



## Dx

HPV infection

## Management

- Discussed wart treatment – elected to have cryotherapy
- Offered STI screening and she agreed to this
- ? why has she not had STI testing for so long – stigma,  
?fear of potential HIV affecting her PR application





## Results

- HIV-1 + Western Blot
- HBSAg +

## What Now?



## Next Consultation

- Partner invited to come with her to consultation
- Stated they had not had sex for 6 months
- He agreed to POCT – HIV neg





## Further Tests

- VL 1 000 000
- CD4 330
- HBV VL 42
- LFTs normal



## Treatment Options

HRT?

ART?





## Interactions

	ATV/r	DRV/r	LPV/r	EFV	ETV	NVP	RPV	MVC	DTG	RAL	ABC	FTC	3TC	TDF	ZDV	E/C/F/TAF	E/C/F/TDF
Ethinylestradiol	↓19% <sup>a</sup>	↓44% <sup>b</sup>	↓42% <sup>b</sup>	↔ <sup>c</sup>	↑22%	↓20%	↑14%	↔	↑3%	↔	↔	↔	↔	↔	↔	↓25% <sup>d</sup>	↓25% <sup>d</sup>

	ATV/r	DRV/r	LPV/r	EFV	ETV	NVP	RPV	MVC	DTG	RAL	ABC	FTC	3TC	TDF	ZDV	E/C/F/TAF	E/C/F/TDF
Estradiol	↓ <sup>a</sup>	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑					



## HRT Options

- Ethinyl oestradiol – cheap and easily accessible
  - associated with much higher VTE risk
  - not able to be measured
- Oestradiol valerate – cheap
  - oral (Progynova, Zumenon)
  - topical (Sandrena gel, Estradot patch)
  - serum assay available





## Outcome

- HRT switched to Progynova (oestradiol valerate) 2mg bd and Spiractin 100mg bd
- Commenced on F/TAF and DTG through compassionate access
- Counselling re risk of HBV flare if stops
- Undetectable at 2 mth
- 4x cryotherapy sessions then warts resolved
- Very happy with her HRT change



## Future Issues?

## Retention in Care

