Sexually Transmitted Infections
Past, Present and Future

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Change--- 100 years ago

- 1916 Royal Commission on VD
  - 22000 questions, 85 meetings
  - Spectator April 1916
  - Role of science
  - Role of Parliament Venereal diseases Act
  - Promise of better outcomes
  - Plan for Surveillance
FOUR-POINTED URETHRAL RING.

Cheaper. A spike ring to warn the sleeper of imminent erection. (Wellcome Institute).
Marie Stopes
T E Osmond 1884-1985
Change through 1940s

- Created training courses for MO
- Encouraged study by clinical observation and case meetings at weekends at RSM
- Post war formation of NHS 1948
- 1948 Ministry of Health Circular stated that ‘diagnosis and treatment of VD constitutes a separate clinical specialty and should not be left to become a minor interest of those in other fields’
THERE IS NO FUN IN V.D.
SIDA ataca hasta los machos

INFORMESE Y PROTÉJASE
1980s – the worst of times?
HIV impact on Specialty

- Provide Compassion and care
- Try to save lives through research
- Partnership with Patients and Community
- Partnership with Pharma
- Alliance with Government
- Leadership in time of crisis
Deaths in HIV infected individuals: UK data to end December 1998

The bar chart shows the number of deaths over the years from 1986 to 1998. The chart compares AIDS reported deaths (green) and AIDS not reported deaths (blue). The number of deaths increased steadily from 1986 to 1998, with a significant increase around 1994. The number of deaths due to AIDS not reported remained relatively low compared to those reported.
Better prevention
Better services
Better sexual health
The national strategy for sexual health and HIV
2000s-The Best of times for HIV and Sexual Health?

- Open Access, 48 hour target and PbR
- HIV/AIDS as a specialised funded service
- HIV inpatient Tariff and MDT development
- Impact of ARV on patient lives
- Early adoption of POCT in SH services
- BASHH /BHIVA meetings
PHE Figures 2018

Increased syphilis

Increased Gonorrhoea

Call to eliminate HIV and Hep C transmission
HIV – Undetectable = undetectable
VACCINATION against HPV Infection

Types 6, 11 – 75% genital warts
Types 16, 18 – 75% high risk HPV
  assoc CIN VIN PIN AIN oral cancer

Merck vaccine (Gardisil) effective against 6, 11, 16, 18
  and several more in Gardasil 9

Glaxo vaccine (Cervarix) 16, 18 only

Australian data – Fairley et al 2018
Dean Street Express: a new service for asymptomatic STI screening
The Impact of Dean Street Express
# Time from screening to treatment

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<thead>
<tr>
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<th>Pre Express</th>
<th>Post Express</th>
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<tbody>
<tr>
<td>No of positive results</td>
<td>176</td>
<td>296</td>
</tr>
<tr>
<td>Time attendance to informing result</td>
<td>183 (143 – 326)</td>
<td>3.7 (2.5-5.1)</td>
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<td>(median hours, IQR)</td>
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<tr>
<td>Time attendance to treatment</td>
<td>238 (170 – 452)</td>
<td>49 (27.2-96.6)</td>
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<td>(median hours, IQR)</td>
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**Treated 8 days faster (189hr)**