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The Impact of the Gardasil HPV Vaccine on Sandyford Sexual Health Services

Gardasil HPV vaccine



- Current vaccine since Sep 2012
- Protects against HPV types 6, 11, 16 & 18
- Offered to girls in S1-S3 with vaccine uptake >80% (2017/18)
- Offered to MSM aged ≤ 45 from July 2017
- England: 89% reduction in genital wart diagnoses in girls aged 15-17 between 2009 & 2017
- Australia: 90% decline in genital warts in females & heterosexual men

July 2018 – JCVI recommends gender-neutral vaccination programme

Aims

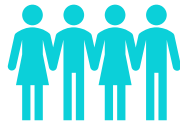
Has the Gardasil vaccine reduced the number of young people aged ≤ 19 presenting with genital warts in Glasgow?

Has there been any change to the treatment patterns of genital warts over the past 6 years?

Methods



Individuals identified by age & prescriptions for podophyllotoxin, imiquimod or liquid nitrogen



548 individuals identified in 2012
84 individuals in 2018

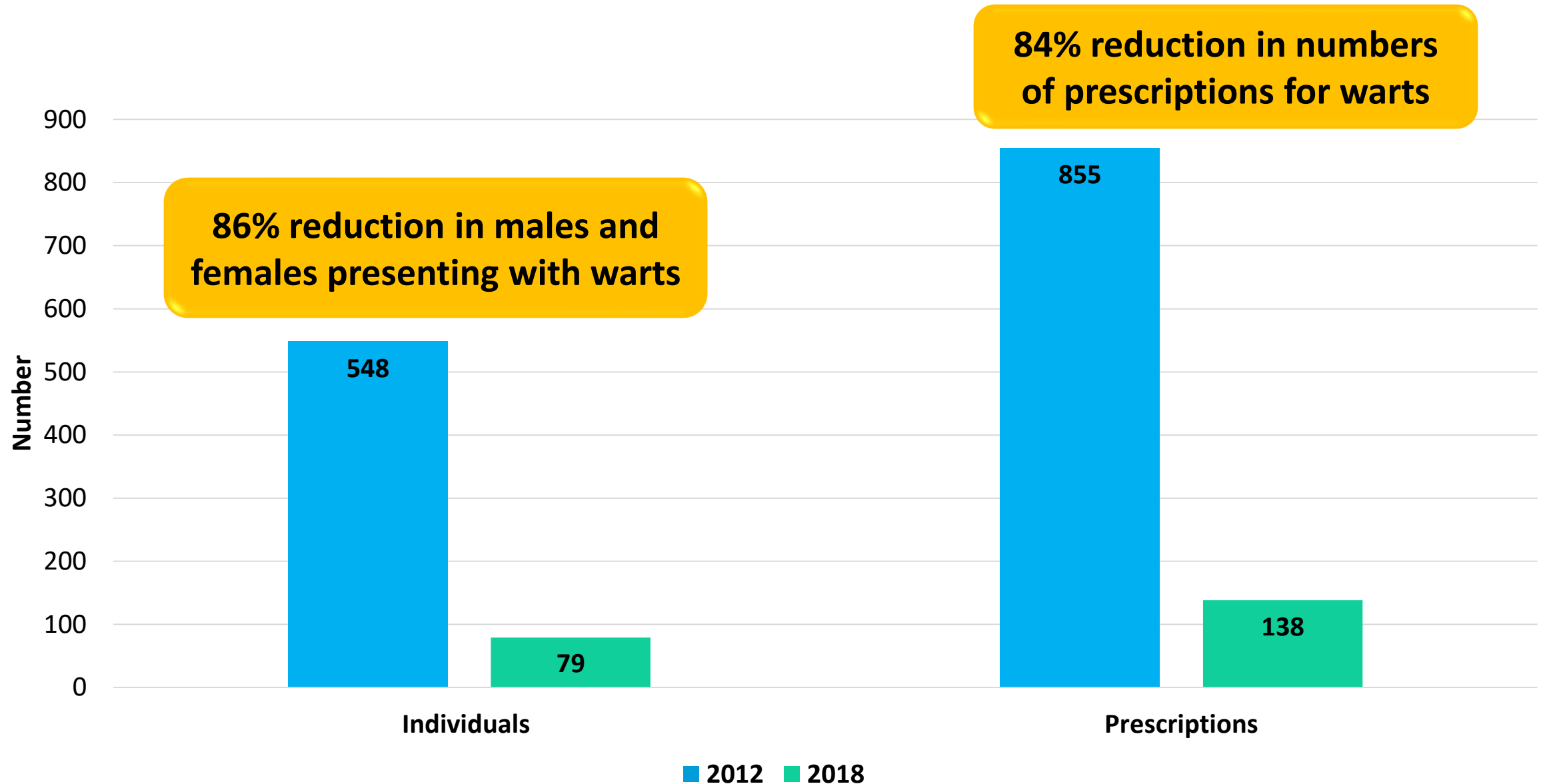


NaSH records of those 84 individuals from 2018 analysed

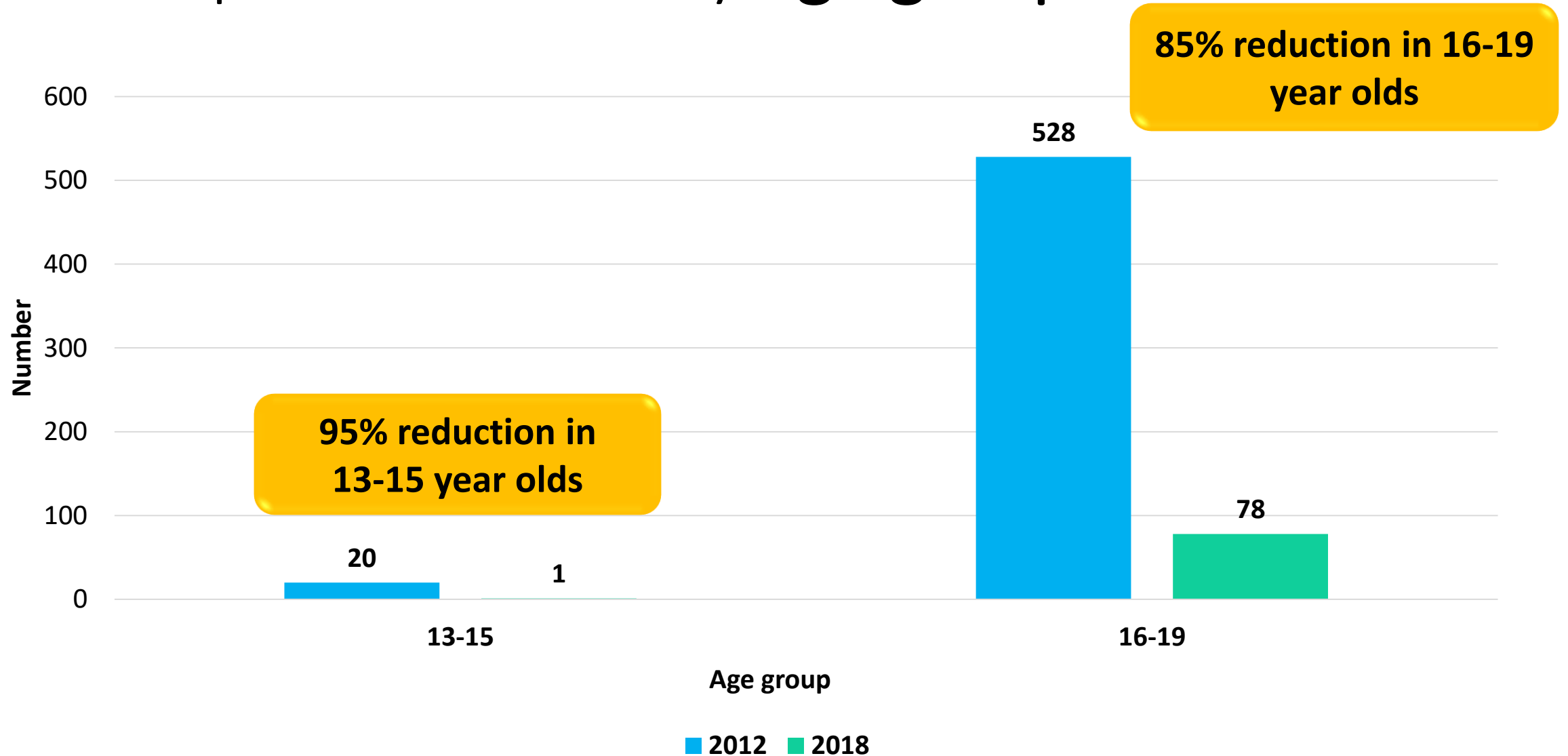


5 individuals excluded in results

Presentation of warts & wart prescriptions

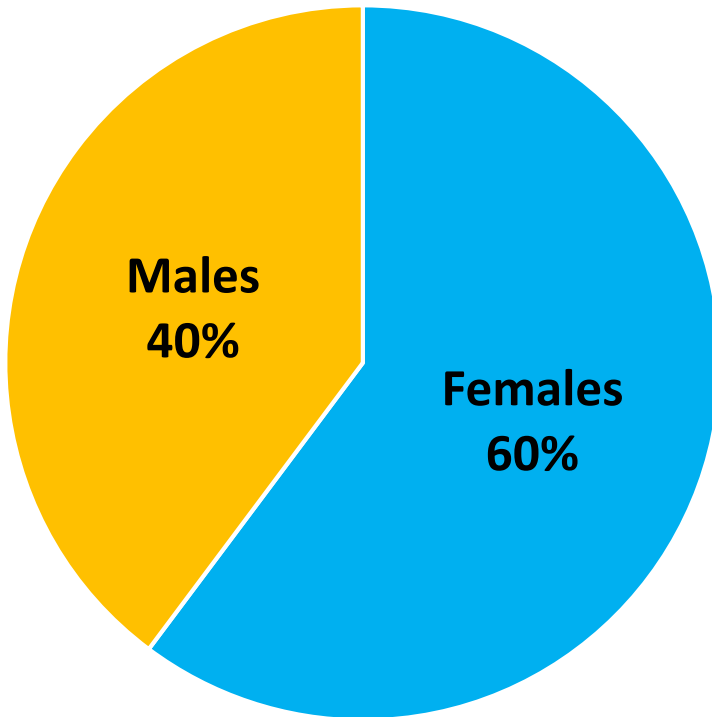


Wart presentations by age group

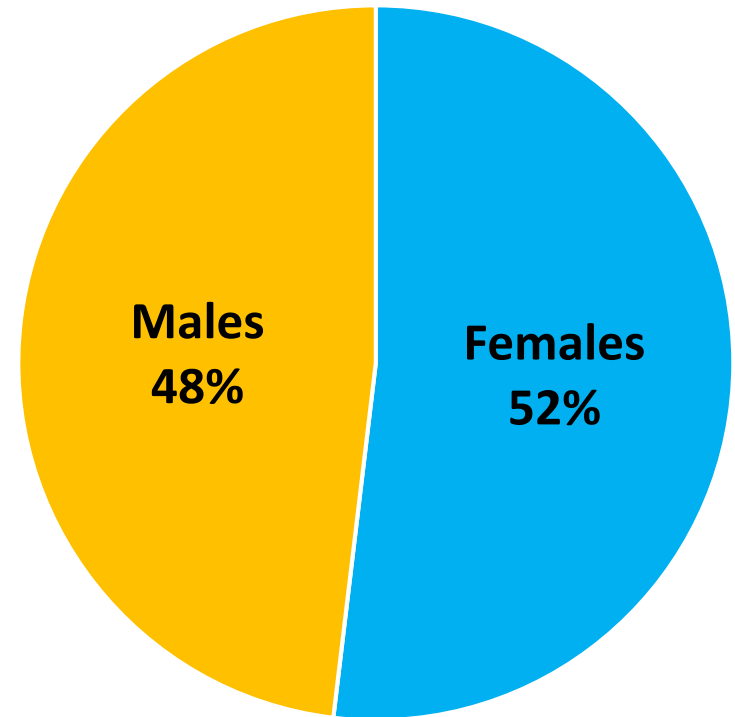


Genital wart presentations by sex

2012



2018



	2012	2018
Number of young people presenting with genital warts	548	79
Overall number of young people attending Sandyford	9830	5953
Proportion of young people attending with genital warts	5.6%	1.3%

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Number of young people presenting with genital warts has decreased by 77%

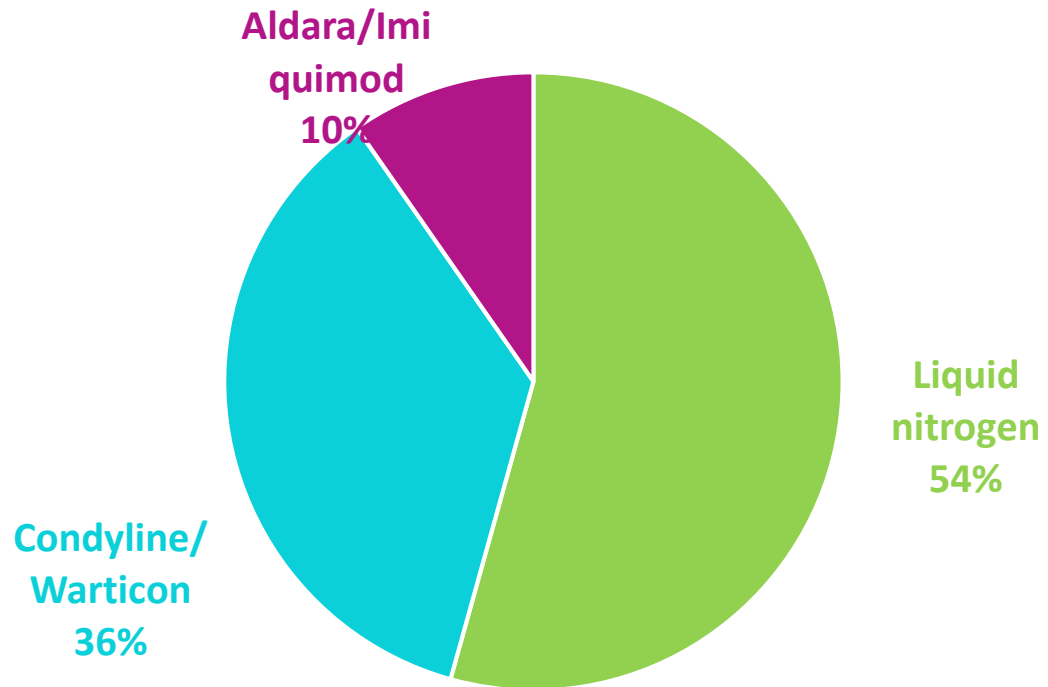
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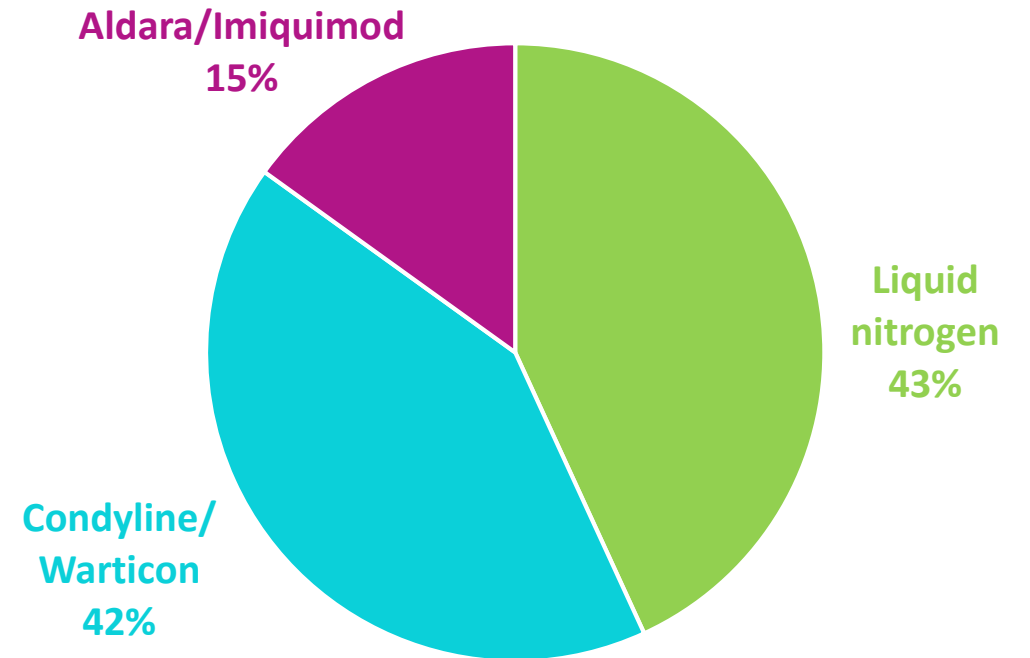
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Trends in genital wart treatment

2012



2018





Recommendations

- Ask individuals presenting with genital warts about their HPV vaccination status
- Future study could involve contacting patients/GPs/School Health System Team to confirm vaccination
- Repeat this project in a few years to assess the impact of the gender-neutral vaccination programme

Conclusions



Gardasil has helped reduce the number of individuals aged ≤ 19 presenting with genital warts by 77%



Use of home-based treatments has increased



Keep offering and encouraging individuals to receive the HPV vaccine

Questions?



References

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- Currie C, Franz M, McEachran J, Whitehead R, van der Sluijs W and the HBSC Scotland Team. HBSC Briefing paper 20: Sexual health of 15 year olds in Scotland 1: ever had intercourse. May 2015. [online] Available at: http://www.cahru.org/content/03-publications/03-briefing-papers-and-factsheets/bp20_final.pdf