

Rises in New Infections: Social Research Findings

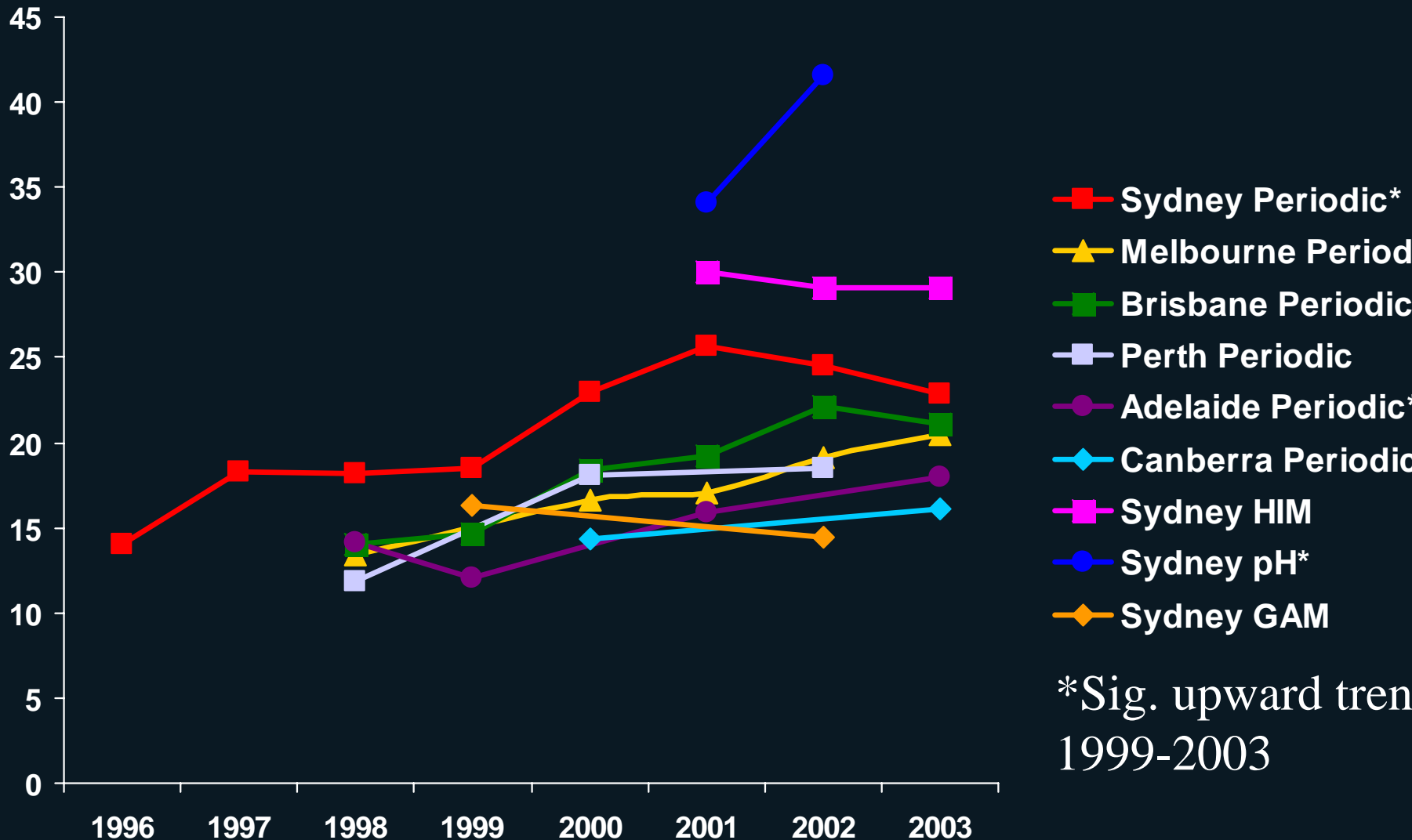
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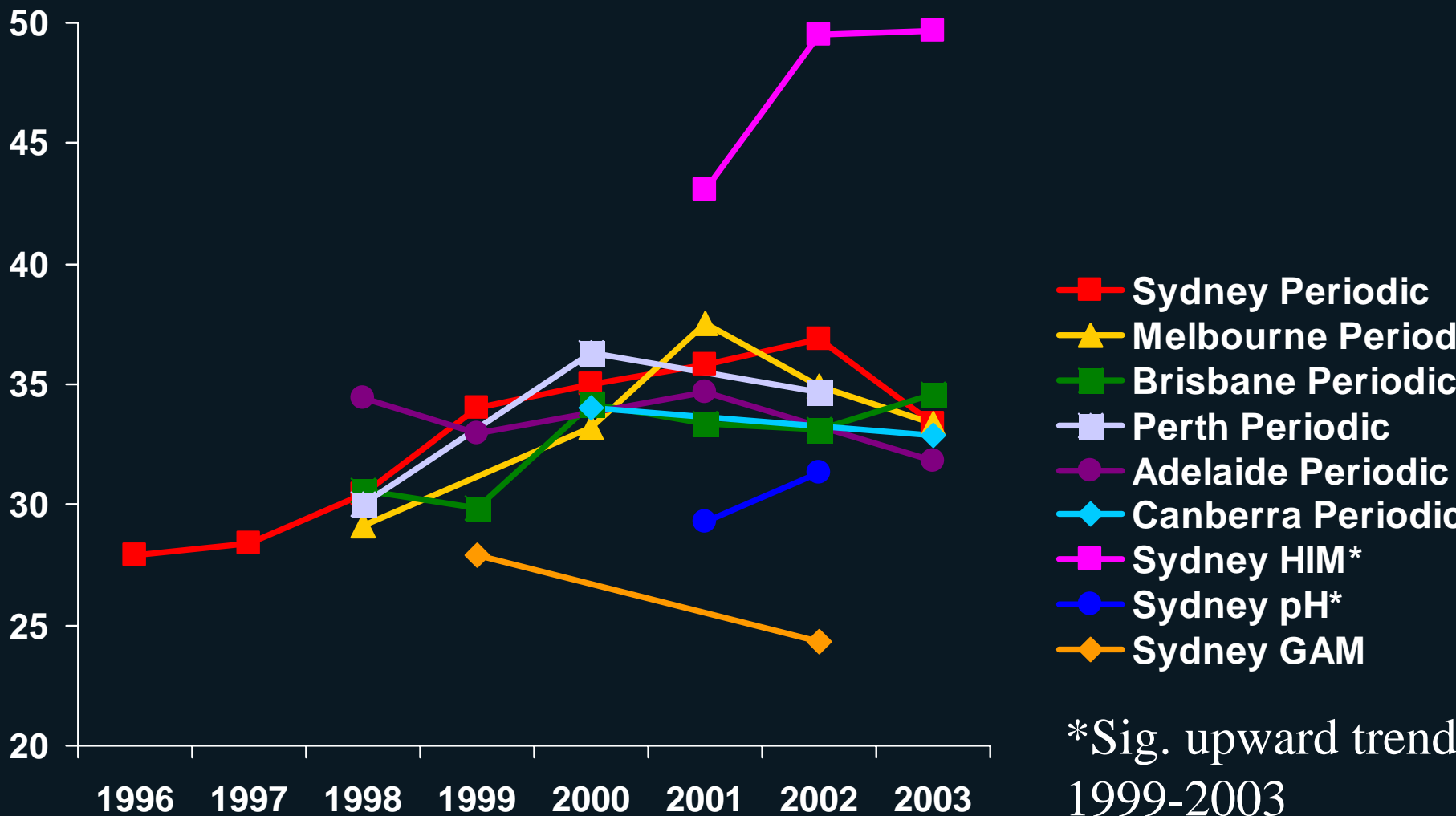
Overview

- ▶ **UAI Casual/Regular**
- ▶ **Strategic Positioning**
- ▶ **Negotiated Safety plus UAI-C**
- ▶ **HIV testing**
- ▶ **Use of ART; proportion UVL**
- ▶ **Sexual practice and viral load**
- ▶ **Drug use; IDU**
- ▶ **Awareness of PEP**

UAI with Casual Partners



UAI with Regular Partners



Strategic Positioning: Serodiscordant Regular

N = 251	HIV positive	HIV negative
Both receptive and insertive	23.9%	25.4%
Receptive only	68.4%	8.2%
Insertive only	7.7%	66.4%

Sydney GCPS Feb 1996 to Feb 2003; UAI with ejaculation inside; $p < .001$

Strategic Positioning: Casual

N = 2071	HIV positive	HIV negative
Both receptive and insertive	56.5%	38.5%
Receptive only	29.6%	15.5%
Insertive only	13.9%	45.9%

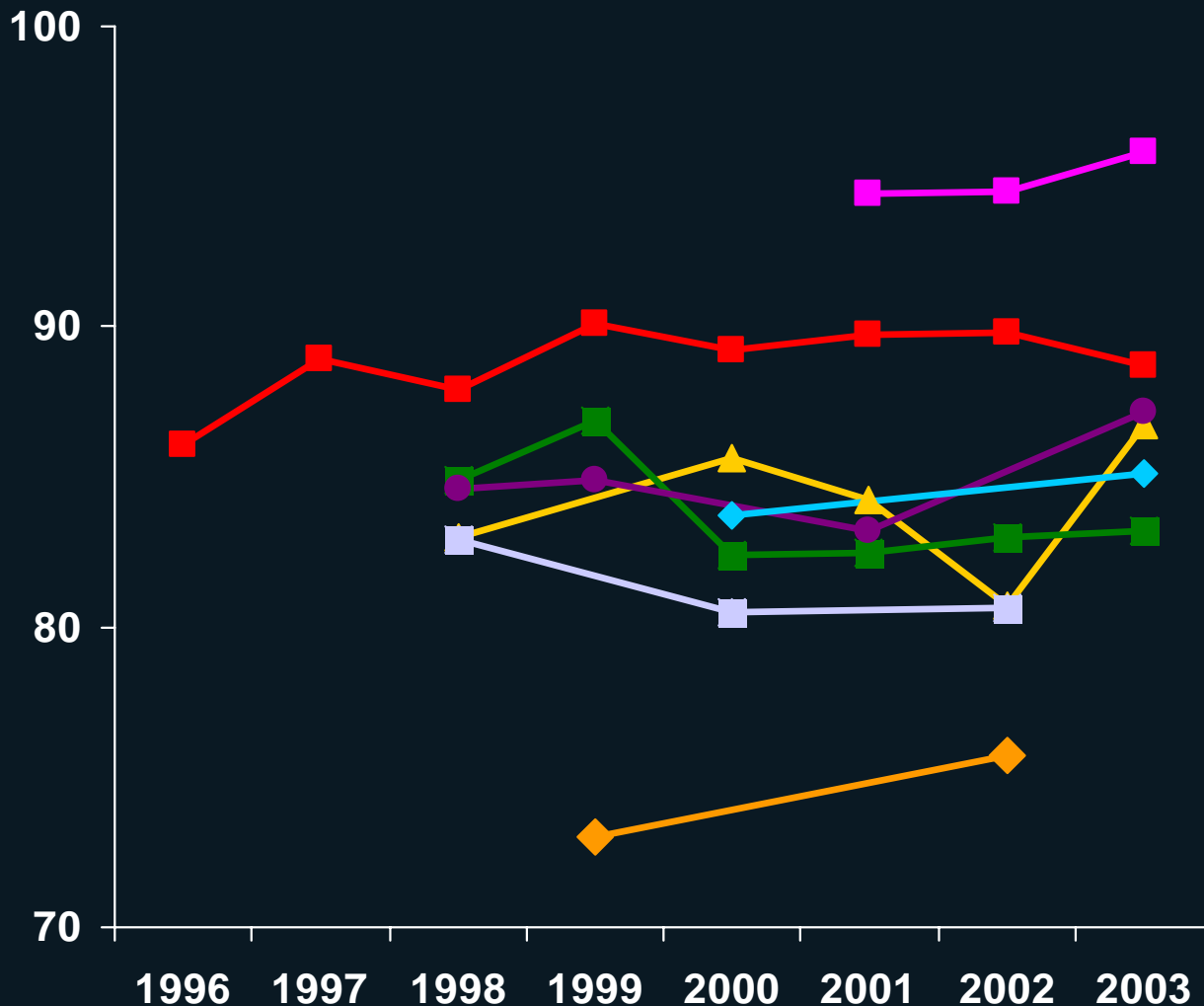
Sydney GCPS Feb 1996 to Feb 2003; UAI with ejaculation inside; $p < .001$

Negotiated Safety plus UAI-C

	<i>N</i>	96	97	98	99	00	01	02	03	<i>p</i>
Syd	2274	8.0	7.3	6.3	6.1	8.3	10.6	8.2	9.4	.12
Mel	908			5.5		7.6	5.0	6.3	11.5	.07
Qld	763			3.2	4.5	5.8	3.8	9.2	7.9	.04

Gay Community Periodic Surveys; HIV negative men in seroconcordant rel'p > 6 mths
 agree UAI in rel'p, safe casual agreement ... % participants reporting UAI-C

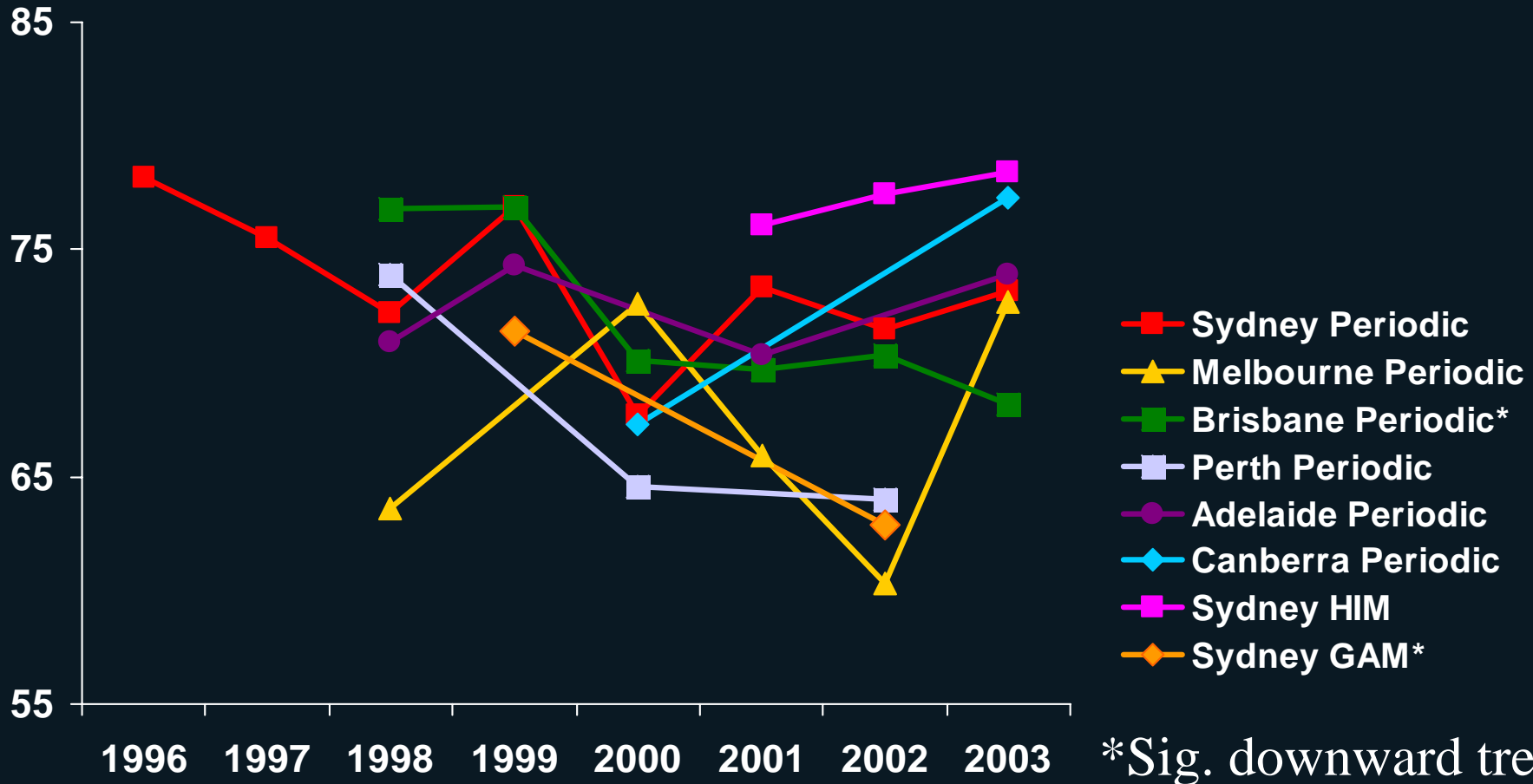
Ever Tested for HIV



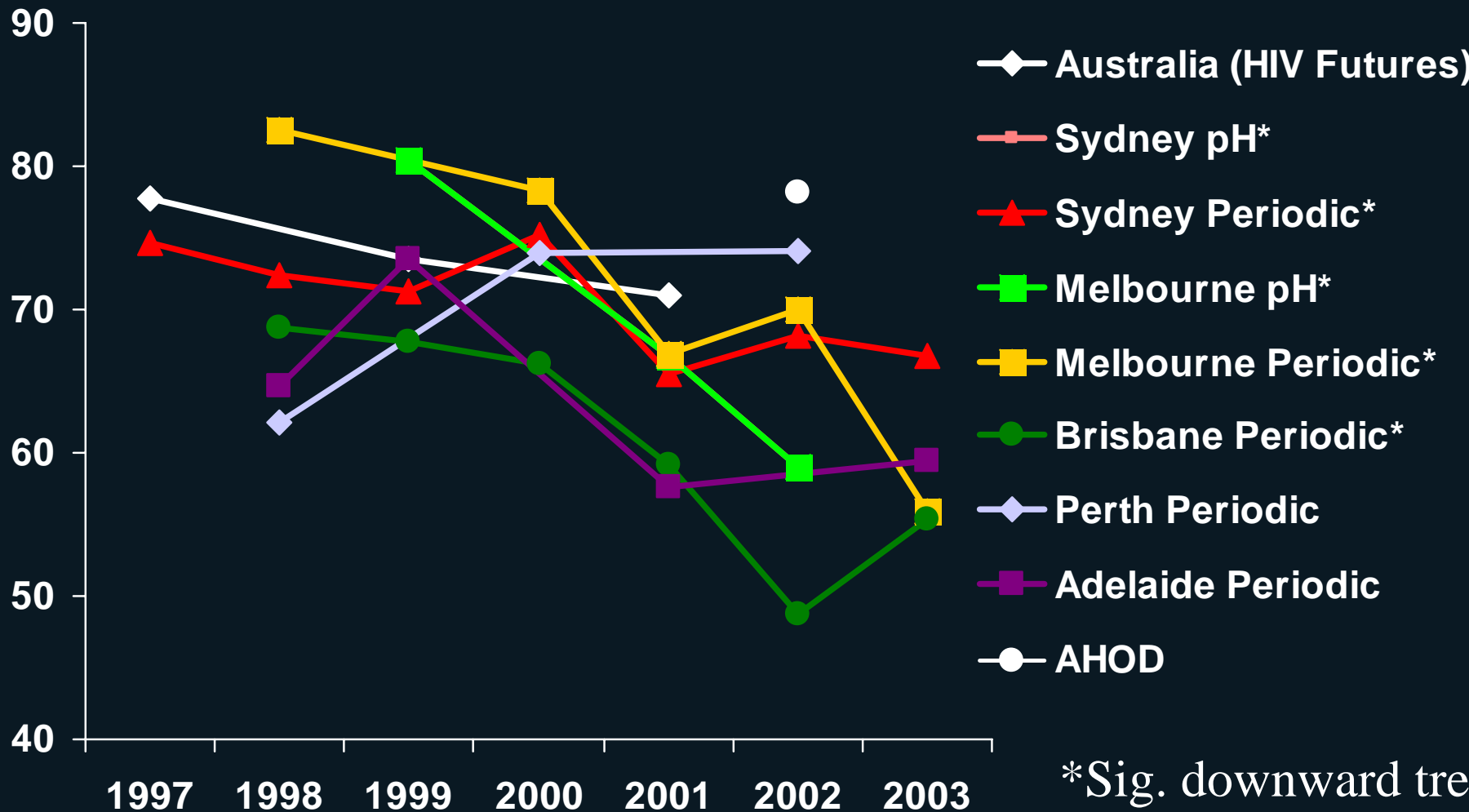
- Sydney Periodic
- ▲— Melbourne Periodic
- Brisbane Periodic
- Perth Periodic
- Adelaide Periodic
- ◆— Canberra Periodic
- Sydney HIM
- ◆— Sydney GAM

*Sig. downward trend
1999-2003

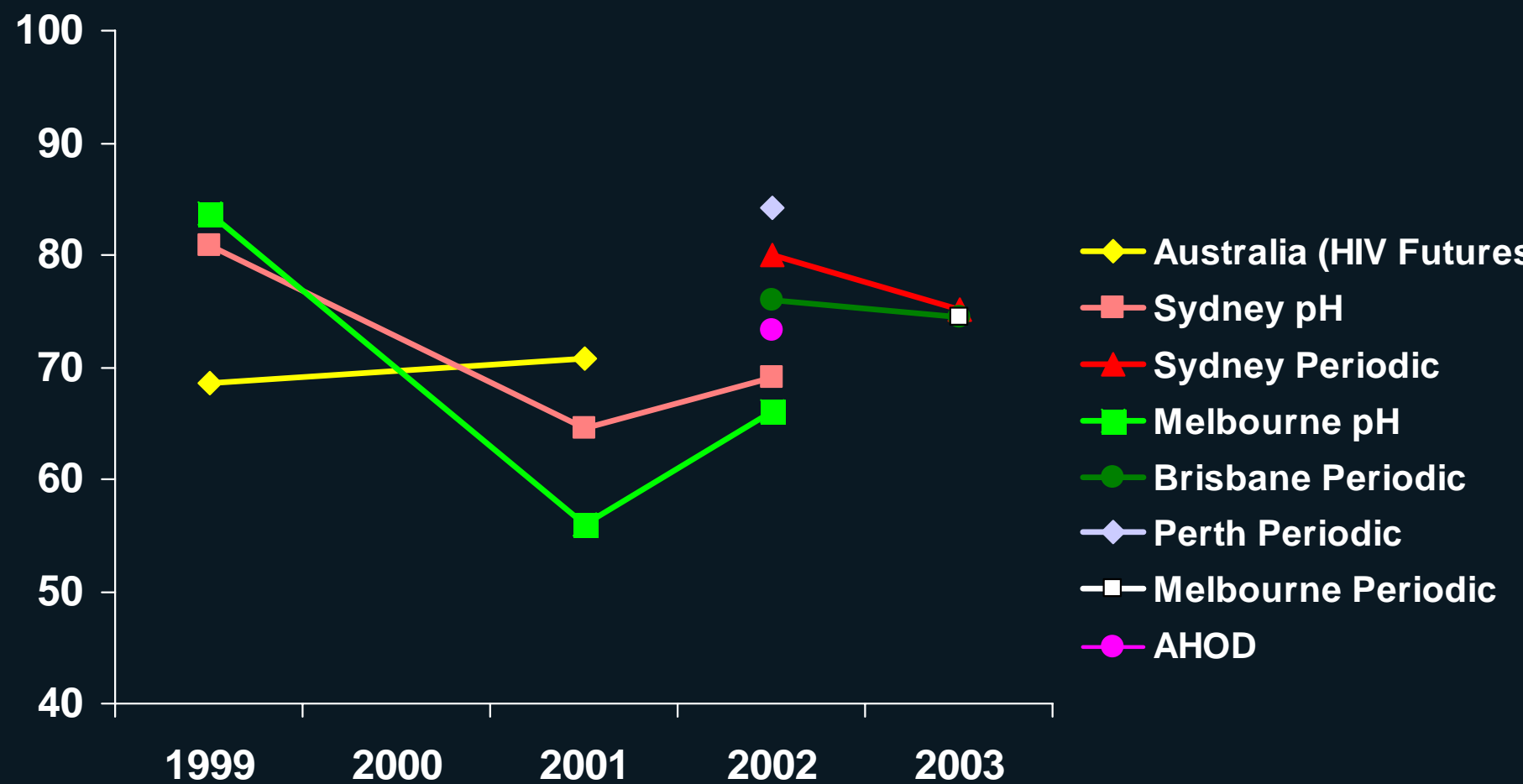
Men under 25 ever tested for HIV



PLWHA using ART



PLWHA using ART with UVL



Sexual Practice and Viral Load

	No anal or 100% condom		Any UAI	
	<i>n</i>	%	<i>n</i>	%
Undetectable	47	78.3	13	21.7
Detectable or unknown	24	66.7	12	33.3

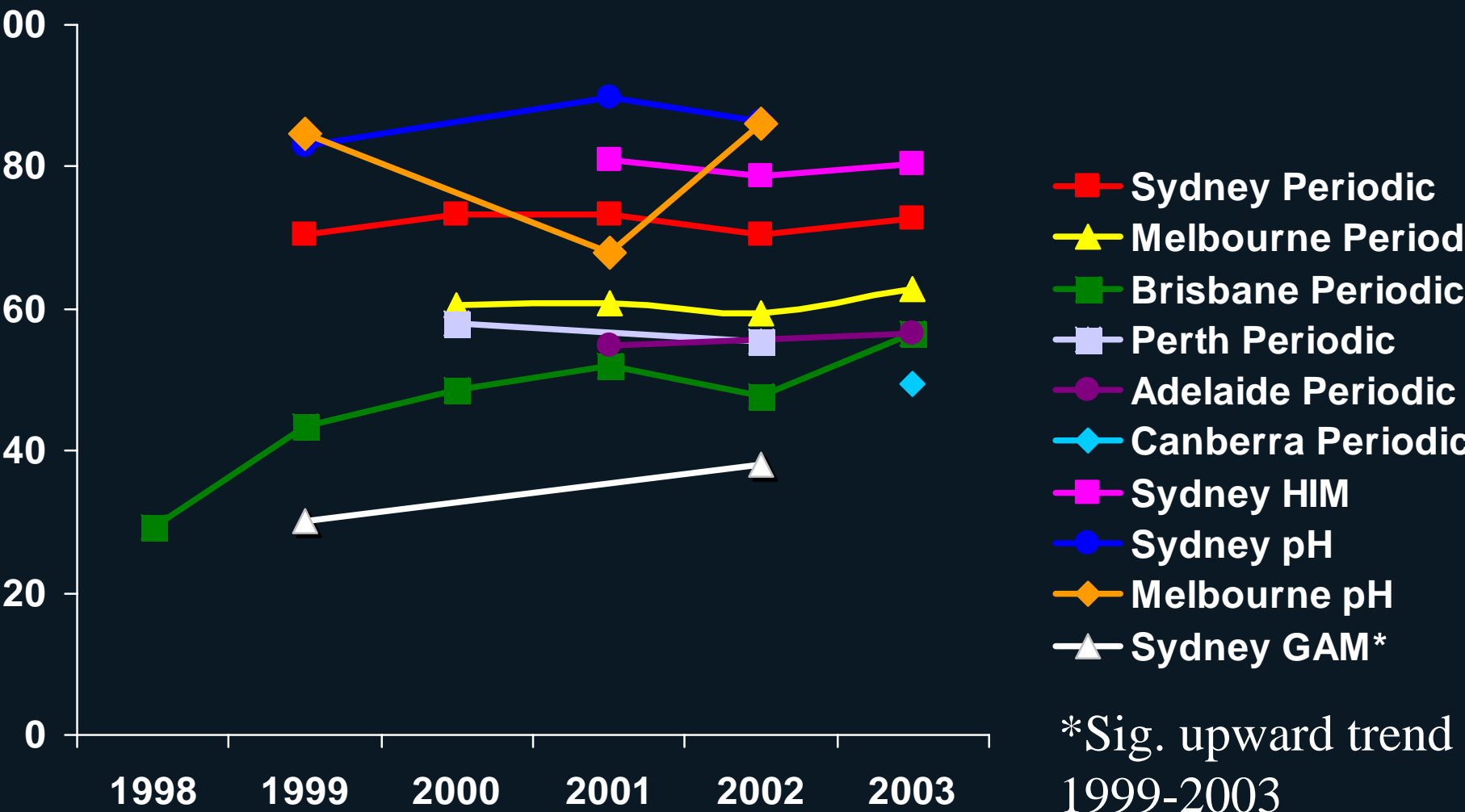
Sydney GCPS Aug 02 to Aug 03; HIV positive participants in serodiscordant relationships only; $N = 96$; $p = 0.21$

Sexual Practice and Viral Load

	No anal		100% condom		Any UAI	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
Undetectable	15	22.7	25	37.9	26	39.4
Detectable	10	18.9	32	60.4	11	20.8

IM and Positive Health (NSW); serodiscordant relationships > 6 mths; N = 119; p = .04

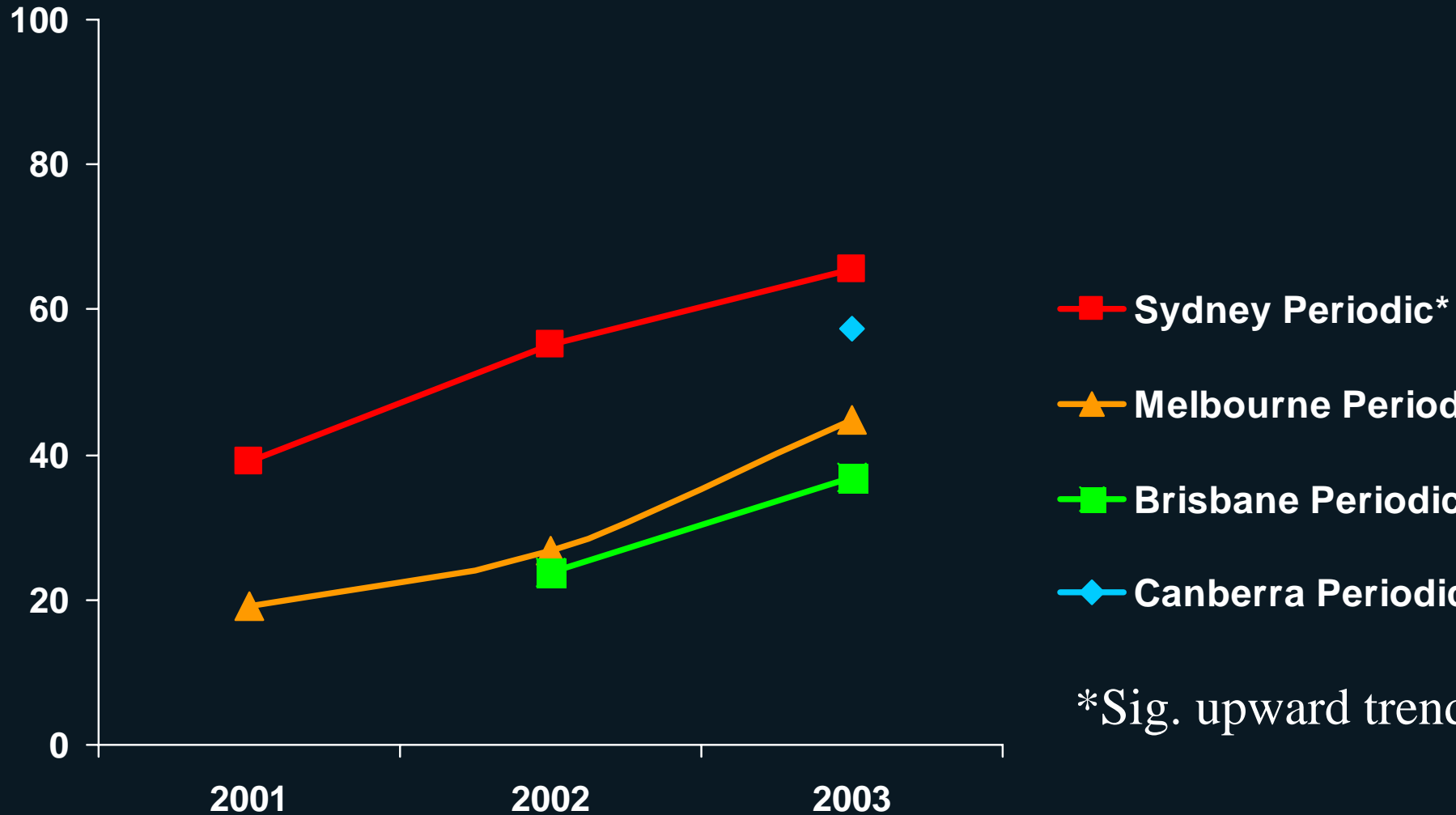
Use any drugs previous 6 mths



Any IDU previous 6 months



Awareness of PEP



Acknowledgements

- ▶ **Participants**
- ▶ **Research collaborators: research centres and community organisations**
- ▶ **Funding agencies**
- ▶ **Analysts (Peter Hull, Limin Mao, Andrea Fogarty)**