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**Supplementary material**

**Access to sexual health services after the rapid roll out of the launch of pre-exposure prophylaxis for HIV in Melbourne, Australia: a retrospective cross-sectional analysis**

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Table S1. The number of presentations amongst by year and risk group.

Table S2. The number of walk in presentations, people who were triaged out, and percent of walk-ins triaged out between weeks 26 and 33. PrEPX coincides at week 30.

Figure S1. The number of patients who were triaged out per week by year. The area between the vertical lines represents the portion of the series that includes the commencement of PrEPX on the 26<sup>th</sup> of July, 2016 in its average.

**Table S1. The number of presentations amongst by year and risk group.**

|  | 2014-2016     | 2014          | 2015          | 2016          | P <sub>trend</sub> |
|--|---------------|---------------|---------------|---------------|--------------------|
| Total number of walk in presentation, N  | 115,522       | 36,041        | 38,745        | 40,736        | -                  |
| <i>All women, n(%)</i>   | 38,778 (33.6) | 12,086 (33.5) | 13,129 (33.9) | 13,563 (33.3) | 0.449              |
| <i>All men, n(%)</i>   | 76,744 (66.4) | 23,955 (66.5) | 25,616 (66.1) | 27,173 (66.7) | 0.449              |
| <i>MSW, n(%)</i>   | 32,318 (28.0) | 10,779 (30.0) | 10,725 (27.7) | 10,814 (26.5) | <0.001             |
| <i>MSM, n(%)</i>   | 44,426 (38.5) | 13,176 (36.6) | 14,891 (38.4) | 16,359 (40.2) | <0.001             |
| Total number and proportion of presentations where patients were triaged in, N (%)             | 103,105(89.3) | 32,435 (90.0) | 34,403 (88.8) | 36,267 (89.0) | <0.001             |
| <i>All women, n(%)</i>   | 34,423 (88.8) | 10,762 (89.0) | 11,510 (87.7) | 12,151 (89.6) | 0.123              |
| <i>All men, n(%)</i>   | 68,682 (89.5) | 21,673 (90.5) | 22,893 (89.4) | 24,116 (88.7) | <0.001             |
| <i>MSW, n(%)</i>   | 28,526 (88.3) | 9,587 (88.9)  | 9,431 (90.4)  | 9,508 (89.3)  | 0.020              |
| <i>MSM, n(%)</i>   | 40,156 (90.4) | 12,086 (91.7) | 13,462 (90.4) | 14,608 (89.3) | <0.001             |
| Total number and proportion of presentations where patients were triaged out, N (%)            | 12,417 (10.7) | 3,606 (10.0)  | 4,342 (11.2)  | 4,469 (11.0)  | <0.001             |
| <i>All women, n(%)</i>   | 4,355 (11.2)  | 1,324 (11.0)  | 1,619 (12.3)  | 1,412 (10.4)  | 0.123              |
| <i>All men, n(%)</i>   | 8,062 (10.5)  | 2,282 (9.5)   | 2,723 (10.6)  | 3,057 (11.3)  | <0.001             |
| <i>MSW, n(%)</i>   | 3,792 (11.7)  | 1,192 (11.1)  | 1,294 (12.1)  | 1,306 (12.1)  | 0.020              |
| <i>MSM, n(%)</i>   | 4,270 (9.6)   | 1,090 (8.3)   | 1,429 (9.6)   | 1,751 (10.7)  | <0.001             |
| Total number and proportion of triaged in presentations where patients were symptomatic, N (%) | 33,852 (32.8) | 10,928 (33.7) | 11,649 (33.9) | 11,275 (31.1) | <0.001             |
| <i>All women, n(%)</i>   | 12,960 (37.6) | 4,224 (39.2)  | 4,384 (38.1)  | 4,352 (35.8)  | <0.001             |
| <i>All men, n(%)</i>   | 20,892 (30.4) | 7,704 (35.5)  | 7,265 (31.7)  | 7,576 (31.4)  | <0.001             |
| <i>MSW, n(%)</i>   | 10,026 (35.1) | 3,496 (36.5)  | 3,395 (36.0)  | 3,788 (39.8)  | <0.001             |
| <i>MSM, n(%)</i>   | 10,866 (27.1) | 3,208 (26.5)  | 3,870 (28.7)  | 3,788 (25.9)  | 0.157              |

Note. MSM: men who have sex with men; MSW: men who have sex with only women

**Table S2. The number of walk in presentations, people who were triaged out, and percent of walk-ins triaged out between weeks 26 and 33. PrEPX coincides at week 30.**

|  | 2014 | 2015 | 2016 | P value <sup>^</sup> |
|--|------|------|------|----------------------|
| Week beginning 27/06                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 686  | 722  | 730  | -                    |
| <i>Number triaged out</i>              | 87   | 54   | 83   | -                    |
| <i>% walk-ins who were triaged out</i> | 12.7 | 7.5  | 11.4 | 0.647                |
| Week beginning 04/07                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 740  | 732  | 752  | -                    |
| <i>Number triaged out</i>              | 142  | 60   | 129  | -                    |
| <i>% walk-ins who were triaged out</i> | 19.2 | 8.2  | 17.2 | 0.690                |
| Week beginning 11/07                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 663  | 751  | 749  | -                    |
| <i>Number triaged out</i>              | 46   | 82   | 98   | -                    |
| <i>% walk-ins who were triaged out</i> | 6.9  | 10.9 | 13.1 | 0.164                |
| Week beginning 18/07                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 671  | 716  | 760  | -                    |
| <i>Number triaged out</i>              | 42   | 76   | 78   | -                    |
| <i>% walk-ins who were triaged out</i> | 6.3  | 10.6 | 10.3 | 0.324                |
| Week beginning 25/07                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 726  | 724  | 716  | -                    |
| <i>Number triaged out</i>              | 31   | 103  | 131  | -                    |
| <i>% walk-ins who were triaged out</i> | 4.3  | 14.2 | 18.3 | 0.002                |
| Week beginning 01/08                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 640  | 700  | 803  | -                    |
| <i>Number triaged out</i>              | 41   | 95   | 178  | -                    |
| <i>% walk-ins who were triaged out</i> | 6.4  | 13.6 | 22.2 | 0.001                |
| Week beginning 08/08                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 629  | 714  | 738  | -                    |
| <i>Number triaged out</i>              | 47   | 41   | 83   | -                    |
| <i>% walk-ins who were triaged out</i> | 7.5  | 5.7  | 11.2 | 0.431                |
| Week beginning 15/08                   |      |      |      |                      |
| <i>Total walk ins</i>                  | 649  | 654  | 723  | -                    |
| <i>Number triaged out</i>              | 57   | 37   | 42   | -                    |
| <i>% walk-ins who were triaged out</i> | 8.8  | 5.7  | 5.8  | 0.407                |

<sup>^</sup>P values were calculated using chi-squared trend test.

**Supplementary Figure S1. The number of patients who were triaged out per week by year. The area between the vertical lines represents the portion of the series that includes the commencement of PrEPX on the 26<sup>th</sup> of July in 2016 in its average.**

