

APPENDIX I. Photo used in the knowledge-testing portion of the survey



Photo credit: Ottawa Public Health (the scene photographed was staged for the purpose of the survey)

APPENDIX II. Results of the three IPAC knowledge-testing questions

| | Medical (N=) | | Dental (N=) | | P value |
|---|-----------------|-----------|----------------|-----------|---------|
| | N | % | N | % | |
| Adequacy of reprocessing area (one-way dirty-to-clean flow, clean medication preparation area, dirty specimen testing area, designated hand-washing sink) | 156/166 | 94.0% | 86/91 | 94.5% | 0.87 |
| Appropriate use of multidose vials | 139/165 | 84.2% | 46/91 | 50.6% | <0.001 |
| Appropriate use and reprocessing of point-of-care glucose testing equipment | 14/164 | 8.5% | Not asked | Not asked | N/A |
| Proper placement of dental instruments into a sterilization pouch/cassette | Not asked | Not asked | 71/91 | 78.0% | N/A |

APPENDIX III. Thematic analysis of responses to the open-ended question “What else would help increase adherence to IPAC best practices in your clinical office?”

| Theme | No. of medical respondents (N=43) | | No. of dental respondents (N=25) | |
|--|-----------------------------------|-------------|----------------------------------|-------------|
| | N | % | N | % |
| IPAC best practices: changes to (all mentions of) | 5 | 11.6 | 7 | 28.0 |
| IPAC best practices: more applicable/tailored to my practice setting | 5 | 11.6 | 2 | 8.0 |
| IPAC best practices: more evidenced-based | 2 | 4.7 | 4 | 16.0 |
| IPAC best practices: clearer | 0 | 0.0 | 2 | 8.0 |
| Communication (all mentions of) | 6 | 14.0 | 4 | 16.0 |
| Communication: dissemination of updates to IPAC best practices | 4 | 9.3 | 3 | 12.0 |
| Communication: about common IPAC mistakes | 2 | 4.7 | 1 | 4.0 |
| Audit (all mentions of) | 6 | 14.0 | 4 | 16.0 |
| Audit: with no consequences | 3 | 7.0 | 1 | 4.0 |
| Audit: with certificate/proof of success to display publicly | 0 | 0.0 | 2 | 8.0 |
| Financial assistance / funding (all mentions of) | 13 | 30.2 | 4 | 16.0 |
| Awareness-raising (all mentions of) | 3 | 7.0 | 0 | 0.0 |
| Awareness raising: with others | 2 | 4.7 | 0 | 0.0 |
| Training (all mentions of) | 8 | 18.6 | 6 | 24.0 |
| Training: in service | 3 | 7.0 | 0 | 0.0 |
| Training: online | 1 | 2.3 | 2 | 8.0 |
| Expert consultation as needed (all mentions of) | 5 | 11.6 | 4 | 16.0 |
| Expert consultation: help with / review of policies & procedures | 1 | 2.3 | 0 | 0.0 |
| Expert consultation: equipment purchasing assistance | 2 | 4.7 | 0 | 0.0 |
| Equipment manufacturing changes/product availability | 0 | 0.0 | 1 | 4.0 |
| Tools (all mentions of) | 2 | 4.7 | 0 | 0.0 |
| Tools: Checklists (tool for self-audit) | 1 | 2.3 | 0 | 0.0 |
| Tools: Point-of-use visual cues/reminders | 1 | 2.3 | 1 | 4.0 |
| Consistency: in IPAC best practices, in public health application of IPAC best practices | 1 | 2.3 | 2 | 8.0 |
| Champion: peer, model clinics | 2 | 4.7 | 0 | 0.0 |
| Manufacturers: providing all single-use items pre-sterilized, providing more reusable items (some are only single-use) | 0 | 0.0 | 1 | 4.0 |
| Nothing | 5 | 11.6 | 0 | 0.0 |