



Community IPAC Lapses Algorithm

Complaint from: Laboratory notification of case(s) Public or Patient Routine case investigation Facility/clinic staff PHU inspection / response to complaint Regulatory college inspection of OHP/IHF PHO or MOHLTC PHU preliminary work as appropriate: Routine case investigation/inspection/ practice review Local iPHIS data review of BBIs looking for links to facility/procedure and/ or list of clinic clients with known BBI or link with BBI reported cases Literature search/resource review for similar situations/clusters Contact regulatory college if regulated health professionals involved Contact MOHLTC If involves more than one PHU Control orders to address identified issues during inspection, voluntary or via HPPA Initial conclusions IPAC lapse with no known associated infection Case/cluster of infection linked to a community transmission healthcare facility Request for PHO consultation: Manage locally Manage locally More focused IPAC assessments/review PHOL genetic testing of cluster specimens Qualitative/quantitative risk estimation (IPAC lapse) Assessment/calculation of risks of transmission: Evidence in support of transmission: • Prevalence of each blood borne virus or other Temporal linkage Spatial linkage (e.g. same pathogens in the community/population of concern Frequency of exposure to the breach, especially if procedural suite) surgical/endoscopic instrument Linkage to specific HCW practice Reduction in pathogen burden by cleaning, disinfection/sterilization measures carried out Prevalence exceeds expected Risk of transmission/exposure episode background prevalence Range of transmission estimates if uncertainties in Molecular testing/genetic match sequencing results parameters PHU actions/recommendations: PHU requests additional support as needed Discussion with regulatory college(s) Control orders to address identified issues during inspection

Communications: 1) Board of health; 2) Community; 3) Media; and 4) Post publicly as per transparency

requirements

Identification of population at risk Notification of at-risk individuals Counselling/testing program





Abbreviations for Community IPAC Lapses Algorithm:

BBI Blood borne infections

HPPA Health Protection and Promotion Act

HCW Health Care Worker

ICRT Infection Control Resource Team
IHF Independent Health Facility
IPAC Infection Prevention and Control

iPHIS Integrated Public Health Information System MOHLTC Ministry of Health and Long-Term Care (Ontario)

OHP Out-of-Hospital Premise PHO Public Health Ontario

PHOL Public Health Ontario Laboratory

PHU Public Health Unit

RICN Regional Infection Control Network