

Individual Monitoring Etiquette at IAEA Radiation Safety Technical Services During COVID-19 Pandemic

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IAEA Webinar Series | Continuity in COVID-19 Pandemic 27 May 2020, IAEA COVID-19 Webinar Series

Radiation Safety Technical Services Laboratory

- External and internal individual monitoring for all operations under IAEA control or supervision around the globe
 - Accreditation to EN ISO/IEC 17025:2017
 - Bound to IAEA Radiation Safety and Nuclear Security Regulations implementing requirements of International Basic Safety Standards











Continuation of Service



- Nine weeks of access restrictions before gradual return to premises
- Safety-critical service to be maintained during COVID-19 pandemic
 - Continuation of safeguards inspections worldwide to ensure that nuclear material is not diverted from peaceful use
 - Postponement of most meetings and non-critical travel through at least 1 June 2020



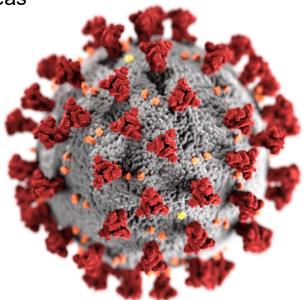
General Guidance



Working in separate teams rotated weekly to reduce contagion

Adherence to general hygiene measures

- Avoid close contact with others and keep a minimum distance of 1 m
- Wear face masks covering mouth and nose in public areas
- Practise frequent hand hygiene
- Avoid shaking hands and touching your face
- Limit touching of door knobs
- Stay home with fever and/or respiratory symptoms
- Seek remote guidance from Medical Service if unsure



Measures for External Dosimetry

Extension of monitoring period for dosimetry of record

- 1 month \rightarrow 3 months
- 3 months \rightarrow up to 6 months

Provision of active personal dosimeters upon request

- Direct reading capability
- Continuous operation up to 5 months

Personal safety

- Disinfection of all items returned by clients
- Use of personal protective equipment as appropriate













Measures for Internal Dosimetry

- Extension of confirmatory in-vivo monitoring intervals to 12 months in favour of in-vitro bioassay of excreta
 - De facto temporary suspension of confirmatory in-vivo monitoring
 - Minimization of SARS-CoV-2 spread

Maintenance of routine QA/QC procedures

 Availability of whole-body counter in the event of suspected internal contamination and emergencies

Personal safety

- Wear of face masks for monitored individuals and FFP3 respirators for laboratory technicians
- Frequent disinfection of equipment, ventilation of room











Guiding Work Procedure



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Collaboration with Clients



Poster reminder of individual monitoring at laboratory entrance

 Complimentary to comprehensive guidelines advised by United Nations Offices in Vienna

Regular correspondence with Radiation Protection Officers

- Facilitation of information of workers
- Roundtables to discuss safety issues

Backup services in case of incapacity

 Practical Arrangements with external suppliers of individual monitoring services





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