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

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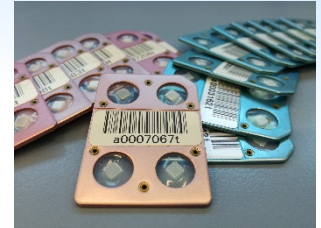
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Radiation Safety Technical Services Laboratory



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

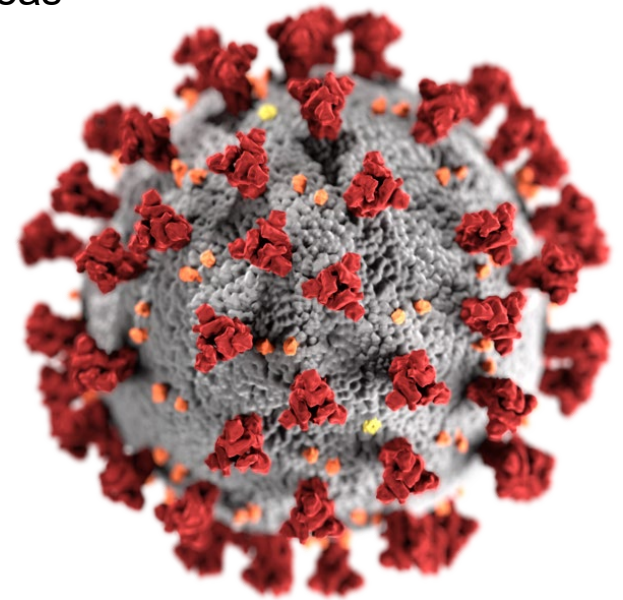
- Nine weeks of access restrictions before gradual return to premises
- **Safety-critical service to be maintained during COVID-19 pandemic**
 - Continuation of safeguards inspections worldwide to ensure that nuclear material is not diverted from peaceful use
 - Postponement of most meetings and non-critical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



■ Working in separate teams rotated weekly to reduce contagion

■ Adherence to general hygiene measures

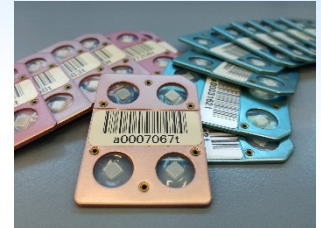
- Avoid close contact with others and keep a minimum distance of 1 m
- Wear face masks covering mouth and nose in public areas
- Practise frequent hand hygiene
- Avoid shaking hands and touching your face
- Limit touching of door knobs
- Stay home with fever and/or respiratory symptoms
- Seek remote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



Measures for External Dosimetry

■ Extension of monitoring period for dosimetry of record

- 1 month → 3 months
- 3 months → 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

	Code	Revision Number	Date of entry into force	Page	of pages
	WI-IM-10	0	2020-05-06	1	8
Quality Management System Radiation Safety Technical Services Laboratory GUIDANCE ON INDIVIDUAL MONITORING DURING COVID-19 PANDEMIC OUTBREAK					

	Function	Name	Signature and Date
Authorized	Deputy Technical Manager	D. Tucker	TUCKER, David Digitally signed by TUCKER, David Date: 2020.05.05 10:51:02 +02'00'
Approved	Medical Director	M. Lademann	LADEMANN, Matthias Digitally signed by LADEMANN, Matthias Date: 2020.05.05 09:15:00 +02'00'
Approved	Service Group Leader	M. Hajek	HAJEK, Michael Digitally signed by HAJEK, Michael Date: 2020.04.30 12:04:52 +02'00'
Registered	Quality Manager	T. Benesch	BENESCH, Tobias Digitally signed by BENESCH, Tobias Date: 2020.04.30 10:51:02 +02'00'

Summary:	This procedure is designed to make individual monitoring services safely available and minimize risk to laboratory personnel and monitored individuals during the COVID-19 pandemic outbreak.
Valid version available:	X:\04_Working_Instructions\Individual Monitoring Service Group\Basic_WIWI-IM-10_Individual_Monitoring_During_COVID-19_V0.docx

Code	Revision Number	Date of entering into force	Page	of pages
WI-IM-10	0	2020-05-06	2	8
GUIDANCE ON INDIVIDUAL MONITORING DURING COVID-19 PANDEMIC OUTBREAK				

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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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Thank you!