

Site Safety Information

TRIUMF is committed to safety. The TRIUMF tour route is designed to be safe for adult members of the general public and does not require any personal protective equipment. That said, as TRIUMF is a working physics laboratory, there are some safety considerations to be aware of when on site. In this document, we have outlined some important safety information every guest must review before visiting the laboratory.

Before Visiting TRIUMF

Footwear: To protect personnel and guests moving through the TRIUMF site, closed toe shoes with a low heel are required footwear on the tour route and in non-office areas within the TRIUMF perimeter fence. These areas contain potential hazards such as equipment and objects with sharp corners, material from construction work, as well as metal stairs that necessitate appropriate footwear.

Attire: As the tour route involves walking over grated floors and stairs, it is highly recommended that guests wear long pants.

Bags: Large bags/knapsacks are not permitted on the tour route. As TRIUMF does not have locker or storage space for guests' items, we ask that guests not bring large bags/knapsacks with them to TRIUMF.

Food and drinks: There is absolutely no food or drinks (including water) allowed on the tour.

Cameras: Cameras are welcome (still and video).

Implanted medical devices: Magnetic fields are present on parts of the TRIUMF site. As a result, guests with any implanted medical devices may be at risk as these devices may function erratically even in relatively weak magnetic fields.

Implanted medical devices that could potentially be affected by magnetic fields on the TRIUMF tour route may include, but are not limited to:

- Pacemakers
- Neurostimulators
- Infusion pumps
- Shunts and stents
- Cochlear implants
- Implantable cardioverter defibrillators (ICDs)
- Intracranial aneurysm clips

Prior to visiting TRIUMF, all prospective guests with an implanted medical device should visit their doctor to obtain documentation on the magnetic and electric field sensitivity of their device. In case of doubt, guests with any type of implanted medical device should notify their TRIUMF host prior to or immediately upon arrival at the laboratory and avoid tour areas with measured magnetic fields above background levels.

NOTE: Intrauterine devices (IUDs) and large medical implants such as hip replacements will not be affected by the magnetic fields on the TRIUMF tour route, nor will credit cards or any consumer electronic equipment.

Once You Arrive at TRIUMF

Signing in: Safety regulations require that we keep track of everyone who enters the TRIUMF site. Upon arriving at the laboratory, please sign in at main reception or other registration area as instructed by your TRIUMF host. If you are with a group, please arrive prepared with a list of all group members joining the tour.

Implanted medical devices: All guests with implanted medical devices who have not yet notified their TRIUMF host must alert them upon arrival. If available, guests with implanted medical devices are asked to provide documentation on their device's sensitivity to external electric and magnetic fields.

While waiting for your tour to begin: While waiting for your tour to start, please be considerate of the TRIUMF staff working in the surrounding area. To support staff in continuing their work uninterrupted, we ask guests not to wander and to help keep the noise level to a minimum.



Washrooms: Be sure to use washrooms before the start of the tour. If guests need to use the washroom facilities while on the tour route, they must ask their guide to stop. Guests may not leave their group for any reason.

On the TRIUMF Tour Remain with your guide: At all times throughout the duration of the tour, guests must stay together with the TRIUMF guide.

Radiation safety: Guests having had a nuclear medicine scan within the last week should inform their tour guide, as they are likely to set off the portal monitor when entering or leaving the site. Children: Guests must ensure that each child under 12 years of age remains under the close supervision of a responsible adult. Large groups of children ages 12 and up (such as school classes) are required to have one chaperone per fifteen guests.

Adult to child ratios for groups:

- 1-5 years 1:1
- 6-11 years 1:5
- 12 years + 1:15

Note that TRIUMF reserves the right to restrict participation on tours

About TRIUMF

TRIUMF is Canada's national laboratory for particle and nuclear physics and accelerator-based science. We are an international centre for discovery and innovation, advancing fundamental, applied, and interdisciplinary research for science, medicine, and business. Owned and operated by a university consortium, TRIUMF trains and inspires future leaders in science and technology. Our laboratory is a hub for inquiry and ingenuity, a Canadian centre of excellence deeply integrated into the global scientific community. TRIUMF's multidisciplinary team of over 500 staff and trainees collaborates with Canadian and international users who visit the laboratory to leverage our world-class facilities. Together, we drive compelling research and develop ideas and innovations that benefit humanity.

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