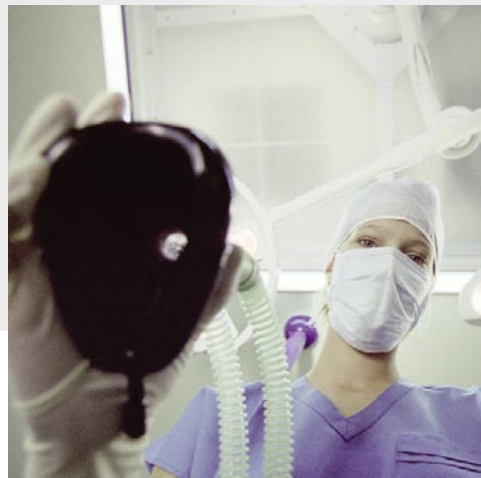




Total Gas Management  
Management of medical, pure, and technical gases  
in health structures



**Medical gas everywhere,  
and always on time**

The Total Gas Management service provides complete management and supply of the medical, pure, and technical gases required to run health service properly.

The service includes:

**Supplying and preserving medical,  
pure, and technical gases**

**Maintenance of Medical Devices**

**Distributing gas to the users**

**Collection and management of  
pressurised receptacles**



## Total Gas Management:

Management of medical, pure, and technical gases in health structures

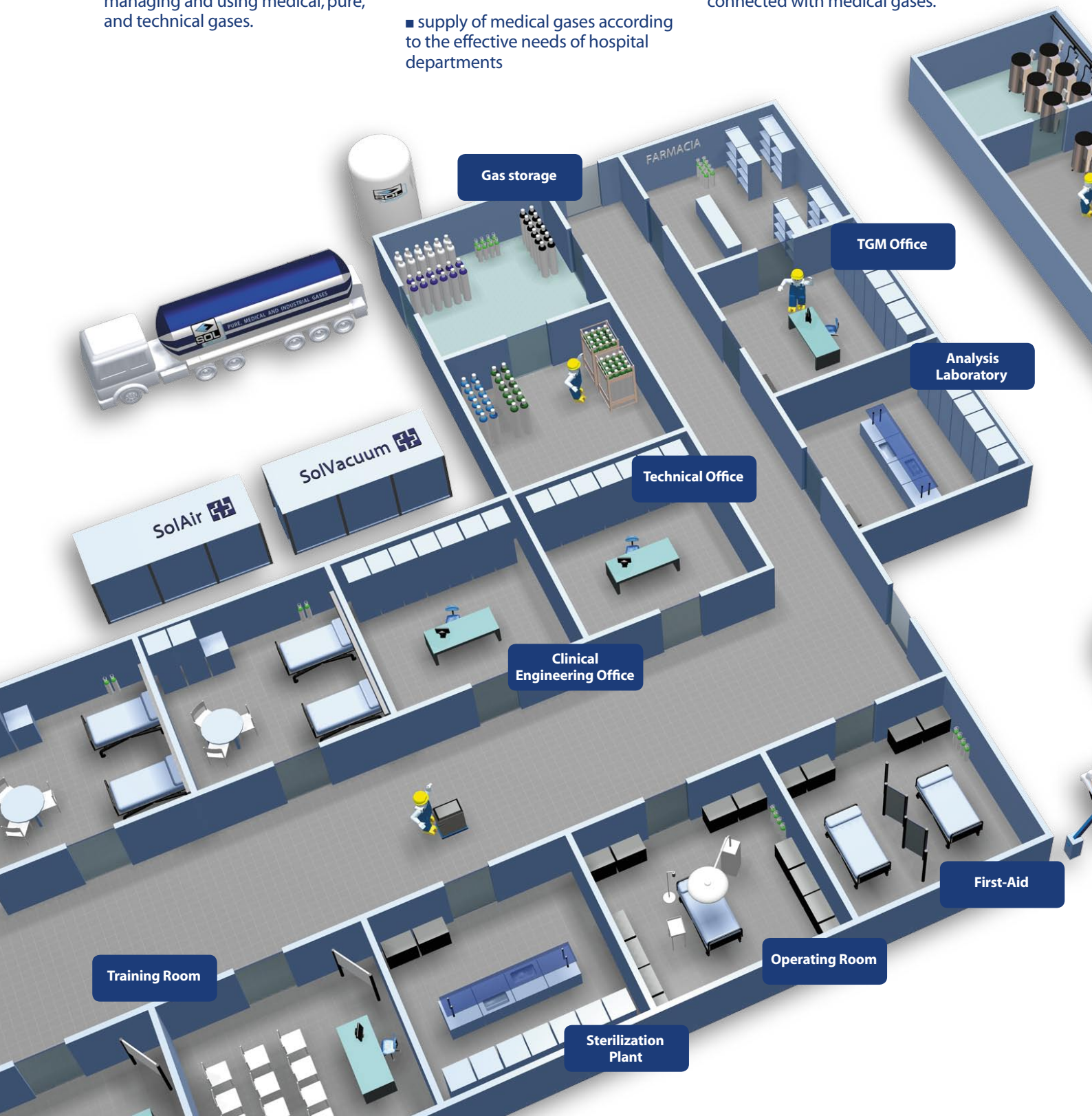
The SOL Group, which has always been at the forefront of designing and developing new technologies and services for the hospital sector, offers the TGM (Total Gas Management) service, which guarantees hospital structures maximum efficiency and safety in managing and using medical, pure, and technical gases.

The TGM service provides a single contact person for all aspects concerned with the supply and use of medical, pure, and technical gases and the systems required for their use.

The principal areas of competence include:

- supply of medical gases according to the effective needs of hospital departments

- handling the receptacles in the departments
- replacing empty cylinders at the supply sources and in storage areas
- traceability of medical gases and moveable receptacles in compliance with current legislation
- maintenance of medical devices connected with medical gases.



### Gas storage

The service includes full management of the medical and technical gas stores, and includes the following operations:

- checking compliance with applicable technical and safety standards
- managing the periodic rotation of receptacles
- acceptance of incoming receptacles by reading bar codes and traceability within the hospital using the same method

- routine checking of expiration dates for the testing of receptacles
- managing requisitions and delivering receptacles to the departments.

### Pharmacy

The TGM service collaborates with the hospital's pharmacy and provides the structure with all the necessary support for correct management of medical gases:

- gas traceability service using a bar code system
- analysis of consumption by individual departments and track records
- administrative support for reading delivery notes / invoices
- technical support when receiving medical gases in cryogenic liquid form (operations to discharge these into the storage tanks).

### Technical department

The TGM service can also include routine and extraordinary maintenance of medical and technical gas systems, vacuum systems and the extraction of anaesthetic gases, as well as medical devices to be used to supply medical gases.

Routine maintenance is carried out according to a programme of inspections and services drawn up in collaboration with the health structure's technical department.

Reports in any works carried out, complete with full details in any components installed and/or replaced, are recorded using special computer software and can be consulted by the Structure online.

Extraordinary maintenance is managed by making specialist personnel available via SOL's call-free number.

### Cryogenic bank analysis laboratory

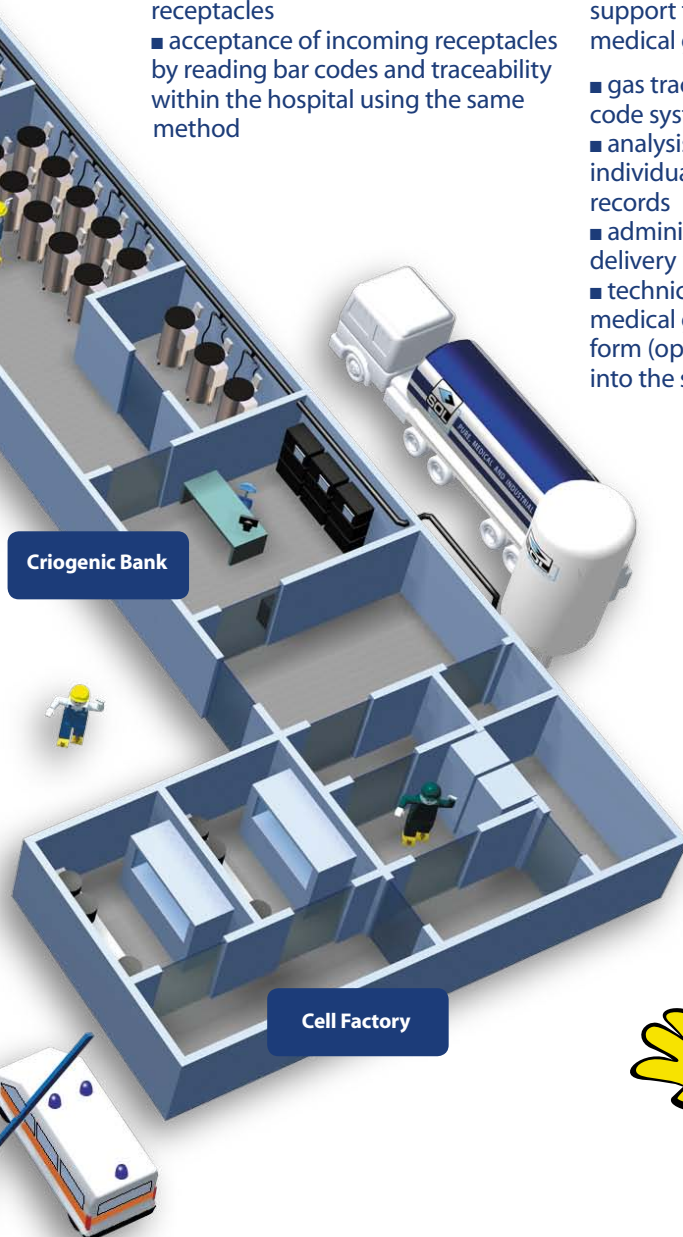
The service for managing biological samples is provided as part of the CryoManagement service, and involves the creation and total management of cryobiological banks and cell manipulation laboratories in which contamination is controlled.

### First Aid

The TGM service can include the supply of special emergency cylinders fitted with supply units that are ready for use, known as Oxalys.

### Operating theatre

In the operating theatre, a continuous supply of medical gases is of vital importance for the patient, and to guarantee the administration of these gases without any interruptions, the TGM service can include supplying specific emergency units known as EMUs.





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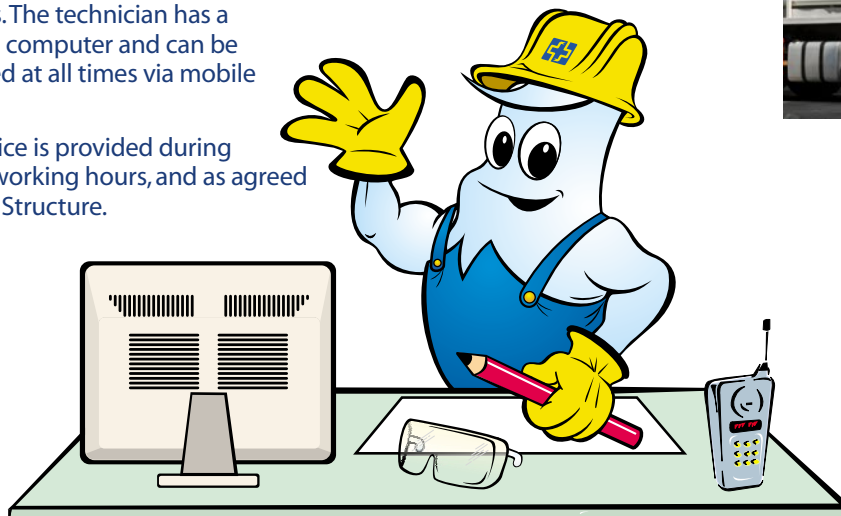
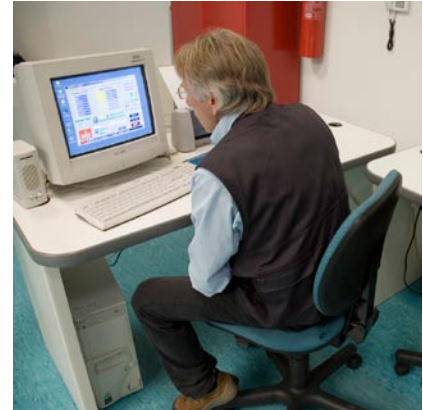
### Training Room

Training is a basic part of safety when using medical gases. The TGM service includes running specific training courses for the various people that use medical gases. The courses include theory and practical sessions that are held at the health structure and that cover all facets that are of use for the correct use of the gases and receptacles.

The TGM service is run by a qualified technician that is trained to operate in full compliance with safety standards.

The TGM technician has a fixed station (provided by the Structure) where the computerised and hard copy records that include all the documentation relating to their activities. The technician has a personal computer and can be contacted at all times via mobile phone.

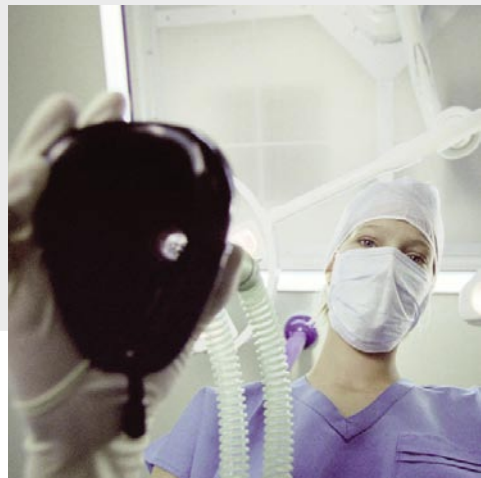
The service is provided during normal working hours, and as agreed with the Structure.



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