IMPROVING NUCLEAR MEDICINE WORKFLOW
**IBC NUCLEAR MEDICINE**

The IBC Nuclear Medicine software is a complete client/server system for nuclear medicine departments. IBC software guarantees full traceability from ordering stock to radiopharmaceutical preparation and injection of a mono dose to the patient. Due to its flexible approach, the software can be configured such that your workflow can be standardized and optimized.

IBC Nuclear Medicine software supports your daily activities in the nuclear medicine department with respect to patient examination planning, radiopharmaceutical and syringe preparation, stock and waste management, dose measurement and injection to the patient.

**IBC CLINIC**

For nuclear medicine departments who don’t need to control the process of radiopharmaceutical production, IBC CLINIC software support the operator in patient and dose management, stock and waste, and order of radiopharmaceutical ready to use.

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**1. RIS/PACS APPOINTMENT INTERFACE**

DICOM Standard

**2. RECEPTION**

Receive patient list from RIS/HIS or book patients manually.

**3. STORAGE**

Materials required for producing and quality control are ordered, received and booked into the stock.

**4. HOT LAB 1**

Prepare Radiopharmaceutical following protocol instructions.

**5. QUALITY CONTROL LAB**

Quality control tests managed by IBC software.

**6. HOT LAB 2**

Prepare dose for patient or for quality control.

**7. INJECTION ROOM 2**

Automatically inject dose using LETHO or IRIS or inject manually.

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If you have the IRIS injector, an electronic (wireless) link is available between the IBC Nuclear Medicine software and IRIS for examination planning, patient details and planned doses to inject.
## Technical Features

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### Patient examination planning
Import or manage the examination plan for the patients. Based on this planning, radiochemicals can be ordered or prepared for administration.

### Order management
Order ready-made radiochemicals from an external supplier; register received products.

### Quality control
Measure and register the Mo-99 breakthrough percentage of your Tc-99m based radiochemicals.

### Syringe preparation
Measure and register the Tc-99m based radiochemicals.

### Injection registration
Register the injection of a radiochemical to the patient.

### Stock and waste management
Create stock overview; recalibrate radioactive stock and keep track on stock moved to waste.

### Barcode support
Easy and fail-safe registration of materials with barcode scanner. Support of 1D and 2D barcodes.

### Management reporting
Ability to generate reports related to stock, examinations, syringe preparations, waste at coteria.

### Label management

### Device integration
- IRIS integration: S
- FERMA/MITHIA/TIMO3 integration: S
- Dose calibrator integration: S
- ARGO/CUOIO integration: S

### Options
- 3rd party dose calibrator connection: 0
- EXTRACT Floating License: 0
- XML Export: 0
- HL7 Link: 0
- Dose scripting: 0
- IBC Additional training & system configuration: 0
- IBC Test: 0
- Integra Link: 0
- IBC Validation: 0
- IBC NM Extension Pack Advanced protocol functionality (variables, scripting, intermediates, ...): 0

### System requirements
The following operating systems are supported:
- Windows 2003 (32 and 64 bits)
- Windows 2008 (32 and 64 bits)
- Windows Vista (32 and 64 bits)
- Windows 7 (32 and 64 bits)
- Windows 10 (32 and 64 bits)

**IBC has the following additional requirements:**
- 50 MB installation hard disk space
- 800x600 pixels minimum screen resolution
- 1 GB hard disk space for the server

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**Kontakt / Contact:**

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IBC NM
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