

SOFTWARE INSTALLATION

A guide for the IDTC2024 Participants

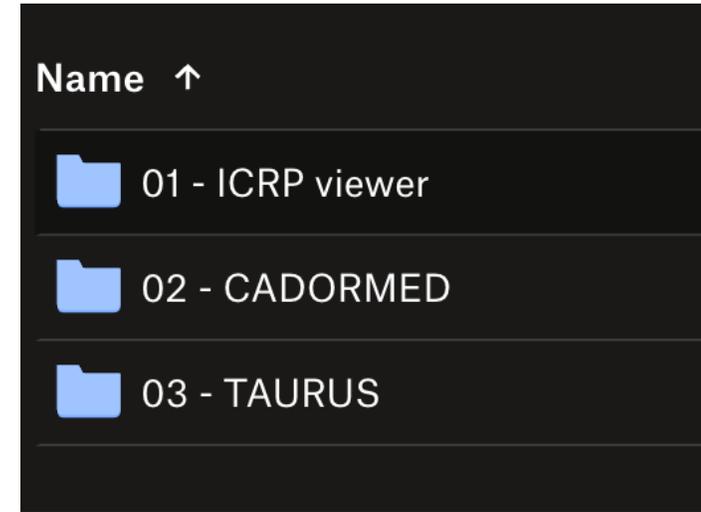
International Training Course: “Basic Internal Dosimetry”
Grand Hyatt Abu Dhabi Hotel & Residences Emirates Pearl
14–18 October 2024



CODES REPOSITORY

- Go to: <https://shorturl.at/3A8xn>

- You will find three directories:



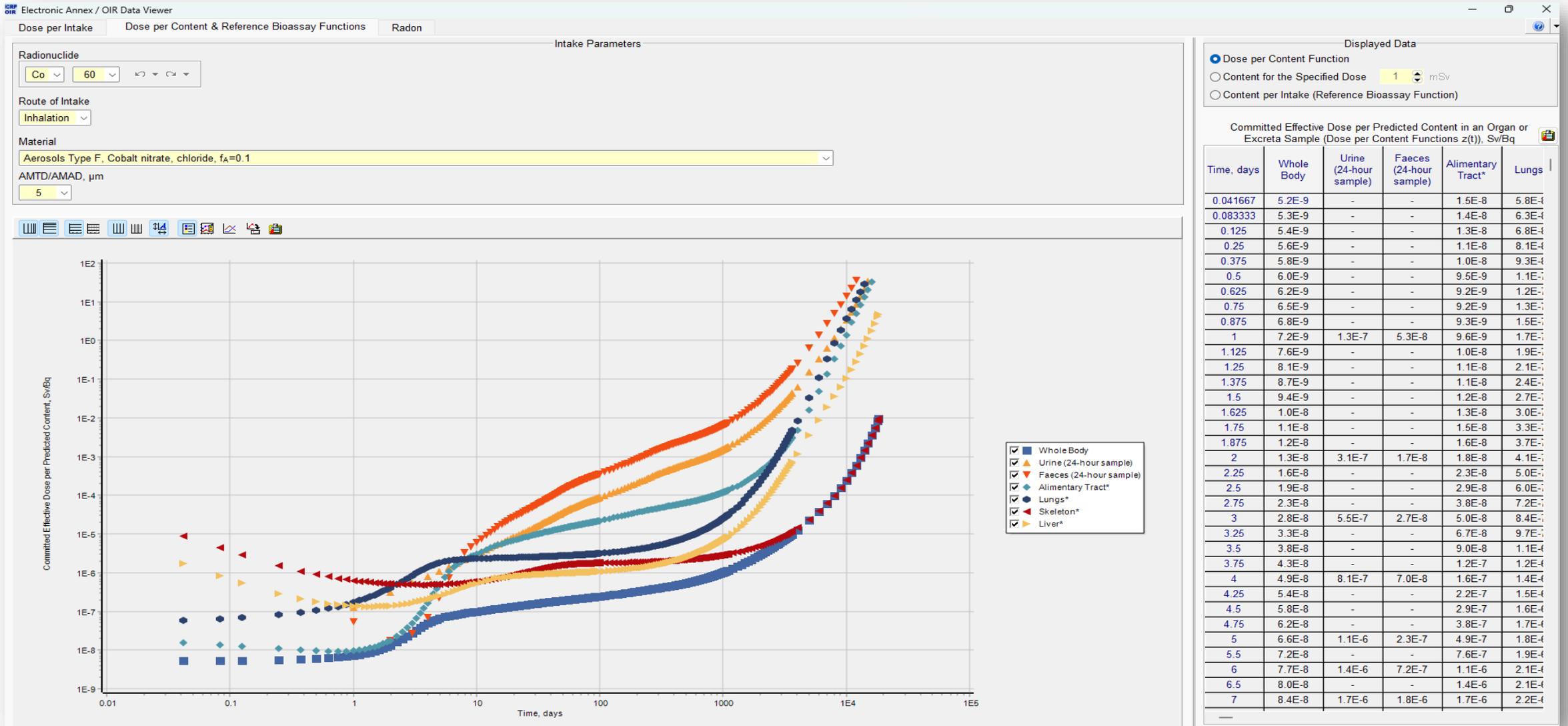
- Select all three directories and copy them to your computer
- A Windows computer is recommended!
- Software can run also on MacOS but its installation and setup is more laborious (discouraged): contact daniele.icrp@giuffrida.eu for more guidance, if needed
- No support will be provided for phone, tablet or Linux installations

01 – INSTALLING ICRP VIEWER

Name	Date Modified	Kind	Size
> IRData	12/05/2024, 3:34 PM	Folder	--
OIR_2022_Data_Viewer.exe	10/10/2021, 5:52 PM	Windows Executable	6.2 MB
OIR_2022_Data_Viewer.ini	12/05/2024, 4:04 PM	Document	349 bytes
OIRDataViewerHelp.chm	12/10/2021, 9:05 PM	Document	210.9 KB
README!!! Unblock OIR...Viewer and its help.TXT	14/10/2021, 10:06 AM	Plain Text Document	4.5 KB

- Enter the directory “01 - ICRP viewer”
- Launch ICRP Viewer by simply clicking on OIR_2022_Data_Viewer.exe (indicated with the red arrow)
- For your future reference, note that the source code for ICRP viewer is maintained by ICRP (as a ZIP file) in ICRP Publication 151 webpage: <https://icrp.org/docs/ICRP%202022%20OIR%20Electronic%20Annex%200Distribution%20Set.zip>

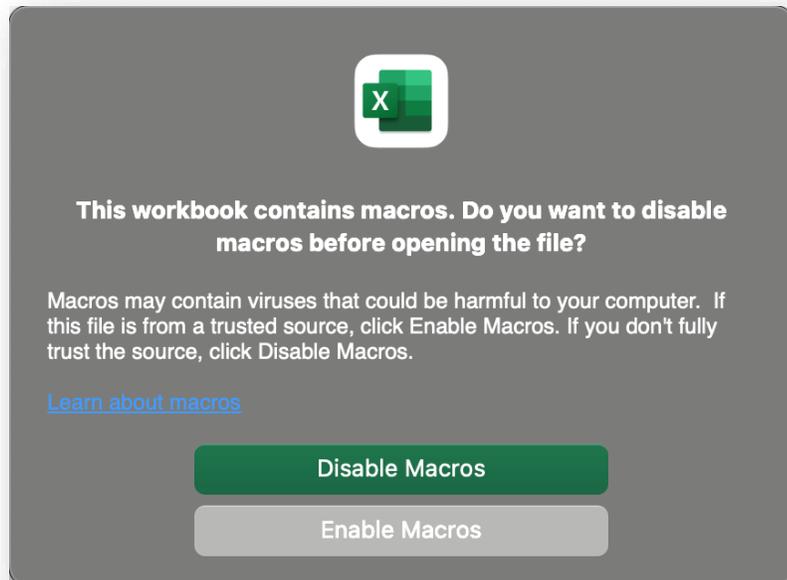
01 – ICRP VIEWER



02 - INSTALLING CADORMED

Name	Date Modified	Kind	Size
 CADORmed III 27 September 2024.xlsm 	27/09/2024, 6:58 AM	Microsoft...ok (.xlsm)	9.3 MB
 CADORmed III User's Manual 24 August 2024.pdf 	25/08/2024, 2:16 PM	PDF document	3.4 MB

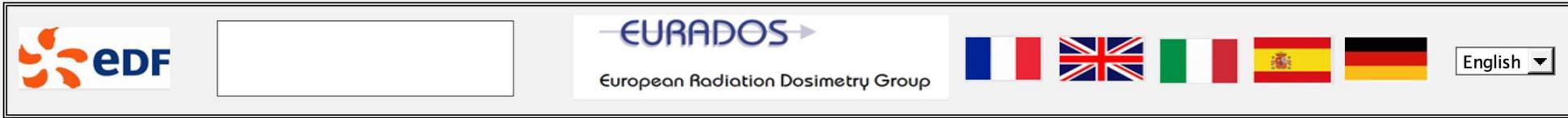
- Enter the directory “02 - CADORMED”
- Launch CADORMED by simply clicking on “CADORmed III 27 September 2024.xlsm” (indicated with the red arrow )



Note that macros should be allowed, in order to run CADORMED.

A User’s Manual is also provided as a pdf file.

02 - CADORMED



The header of the CADORMED website features the EDF logo on the left, a search bar, the EURADOS logo (European Radiation Dosimetry Group) in the center, and a row of national flags (France, UK, Italy, Spain, Germany) on the right. A language selection dropdown menu is set to 'English'.

Currently being validated

Committed effective dose assessment

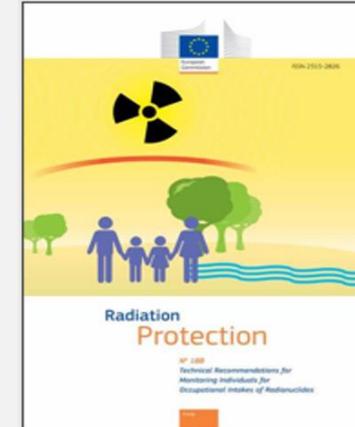
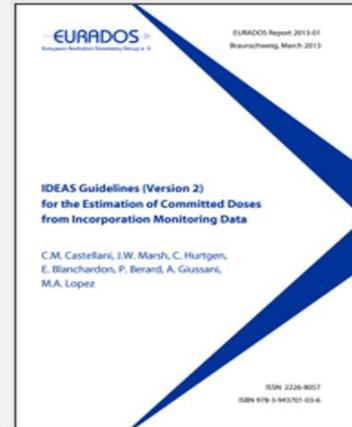
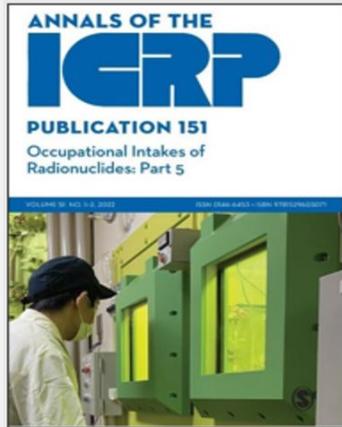
Dose assessment

Settings

Radionuclides Scattering factors Detection limits

CADORMed III

Info



Note that, in the language selection, Arabic is available (translation by Mr. Ali Al Remeithi, FANR)

03 – INSTALLING TAURUS (OVERVIEW)

Name	Date Modified	Kind	Size
dplotjr_setup.exe	26/01/2017, 3:40 PM	Windows Executable	12 MB
Instruction for installing Taurus - SEP-2024.pdf	24, 9:27 AM	PDF document	90 KB
setup_Taurus_v1.4_RunAsAdmin.exe	23/01/2024, 3:22 PM	Windows Executable	13.6 MB
Taurus_Licence_Activation_File_068.txt	24/09/2024, 4:22 AM	Plain Text Document	653 bytes

- Please read the instructions to install TAURUS in the file “Instruction for installing Taurus - SEP-2024” (indicated with the red arrow )
- As a first step, you will need to install dplotjr, by running “dplotjr_setup.exe”
- Second step will be to install Taurus, by right-clicking “setup_Taurus_v1.4_RunAsAdmin.exe” and launch as “run as admin”
- Third step will be to copy the licence file, “Taurus_Licence_Activation_File_068.txt”, into the Taurus directory

03 – INSTALLING TAURUS (STEP BY STEP)

- Right click on “setup_Taurus_v1.4_RunAsAdmin.exe” and select ‘Run as administrator’
- Follow the install dialogue boxes that appear
- If a message warns "Windows protected your PC", click on "More info" and then on "Run Anyway”
- The “Destination folder” is where to install the program, please choose this where you have read/write/execute permissions
- All Taurus files and sub-folders are going to be in the the chosen location **"Destination folder"\Taurus**

03 – INSTALLING TAURUS (STEP BY STEP)

- The Taurus launch icon  should appear on the Desktop and in the “Start Menu”
- If not, look for “taurus.exe” in the Taurus folder
- Copy the IDTC2024 Licence activation file “Taurus_Licence_Activation_File_068.txt in the Taurus folder
- In order to start Taurus, double-click on its icon

03 – TAURUS

The screenshot shows the Taurus software interface with the following sections:

- Input:** Reference (20ch_no_spaces), Nuclide (Ac-224, 2.78f), Deposition parameters (ICRP OIR series defaults, Light work, 5.0 microns AMAD), Absorption parameters (ICRP OIR series defaults), Systemic biokinetics, Alimentary tract, Respiratory tract.
- Intake regimes:** Number of intake regimes (max. 20) set to 0. A table with columns: Form, Ro..., Mode, Start, End, Intake, fA, fr, sr, ss, fb, sb. Row 1: Acute.
- Bioassay quantities:** Whole body, Urine, Blood, Kidneys, Lungs, Faeces, GI tract, Liver, Thyroid, Skeleton.
- Calculations:** Quick dose and bioassay (selected), Prospective calculation, Retrospective calculation (data fitting). Start calculations button.
- Results:** Total effective dose, View doses, Goodness of fit, Plot bioassay.
- Report:** short (selected), long. Save report, View report.
- Licence information:** This copy of Taurus is registered to FANR International Training Course. Basic Internal Dosimetry. It will expire on 24/10/2024. A red arrow points to this text.

- TAURUS is developed and maintained by the UK Health Security Agency, UKHSA:

- <https://www.ukhsa-protectionservices.org.uk/idcs/>

- Please note that this TAURUS version has kindly been provided by UKHAS to IDCT2024 Participants, and its free licence will expire on 24-OCT-2024

TROUBLESHOOTING

For installation troubleshooting,
contact daniele.icrp@giuffrida.eu