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Charter for the use of the CESM@UCBM dataset

Preamble

The CESM@UCBM dataset is a collection of 1138 CESM images in DICOM format, divided into 569 low-energy images and 569 dual-energy subtracted images, obtained from 105 patients aged between 31 and 90 years. The images were acquired between September 2021 and October 2022 at the Fondazione Policlinico Universitario Campus Bio-Medico in Rome, using the GE Healthcare Senographe Pristina full-field digital mammography. The dataset includes both craniocaudal and mediolateral oblique projection images and comprises samples with and without tumor masses, which could be malignant, benign, or borderline. For each patient, the dataset provides the medical report and, if available, the biopsy results.
The following considerations pertain to all existing formats (i.e., original images with medical report and biopsy results) and all future derived information and data, e.g., new extractions, or in general any copies, with or without manipulation – of the original files. It also pertains to all rating or analysis data provided in the corpus data bank.

CESM@UCBM dataset will be made available to specific researchers for research purpose only (commercial use is excluded, and also commercial use of any results from CESM@UCBM dataset) after a definitive version of the corpus was established and the development work of the CESM@UCBM dataset group was published.

Conditions for using the CESM@UCBM dataset

1) Researchers who wish to use the CESM@UCBM dataset are bound to report in their publication:

    a. The performance of their system to the test material provided by us;

    b. All stages of the procedure used to achieve this performance.

2) The registered researcher must have a stable academic affiliation (this exclude undergraduate and graduate students) and has an option to list three collaborators of the same research group beyond which the data cannot be shared. The registered researcher remains responsible for the correct use of the material.

3) No copies will be made of the CESM@UCBM dataset (or parts of it – including new extractions, formats/compressions or any manipulation of the images).

4) The CESM@UCBM dataset will not be distributed to parties that are not listed in this agreement (other colleagues who want to use the CESM@UCBM dataset must register independently).

5) The CESM@UCBM dataset is not to be used for teaching purpose, even if the students do not keep copies of the material.

6) After any publication, the authors have to contact CESM@UCBM group leader (see below) notifying the publication and the reference of their work.

7) In any publication (conference proceedings, journal article, book chapter, etc.) the authors have to cite and refer to the description provided in:

Rofena, A., Guarrasi, V., Sarli, M., Piccolo, C. L., Sammarra, M., Zobel, B. B., & Soda, P. (2024). A deep learning approach for virtual contrast enhancement in contrast enhanced spectral mammography. Computerized Medical Imaging and Graphics, 102398..

Agreement
By signing this document, the person in charge explicitly and fully agrees to all aforementioned conditions before receiving the material or parts of the material.

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Correspondence regarding this agreement should be sent to Valerio Guarrasi (valerio dot guarrasi at unicampus dor it) and Paolo Soda (p dot soda at unicampus dot it).

I have read and accept the terms and conditions for the use of the CESM@UCBM dataset stated above:

Name and surname: ……..…….

Affiliation: ……..…

Email: ……...……...

Phone number: ……...

Fax number: …….

Scope of the research with the CESM@UCBM dataset: ……

…….

…….

I am responsible for the correct use of the CESM@UCBM dataset by the following three associative researchers:

…….. …….. ……..
(name and surname) (name and surname) (name and surname)

Date and place Signature

…….. ……..