

Model Card — Model

Task: Image-to-Image translation

0. Card Metadata

Creation date: —

Versioning

- **Version number:** —
 - **Version changes:** —
-

1. Model Basic Information

Name: —

Creation date: —

Versioning

- **Version number:** —
- **Version changes:** —

Model scope

- **Summary:** —
- **Anatomical site:** —

Clearance

- **Type:** —

Approved by

- **Name(s):** ghhh
- **Institution(s):** ghghg
- **Contact email(s):** hghg

Observed limitations: —

Type of learning architecture: —

Developed by

- **Name:** —
- **Institution(s):** —

– Contact email(s): —

Conflict of interest: —

Software licence: —

2. Technical specifications

2.1 Model overview

Model pipeline

- Summary: —
- Model inputs: ['MR T1', 'CBCT']
- Model outputs: ['ECG']
- Pre-processing: —
- Post-processing: —

2.2 Learning architecture(s)

Learning architecture 1

Field	Value
Total number of trainable parameters	—
Number of inputs	—
Input content	['4DCT']
Input size	—
Number of outputs	—
Output content	—
Output size	—
Loss function	—
Batch size	—
Regularisation	—
Uncertainty quantification techniques	—
Explainability techniques	—

2.3 Hardware & software

No hardware and software details specified.

3. Training Data Methodology and Information

Fine tuned form

- Model name: —
- URL/DOI to model card: —
- Tuning technique: —

Training Dataset

General information

- Total size: —
- Number of patients: —
- Source: —
- Acquisition period: —
- Inclusion / exclusion criteria: —
- Type of data augmentation: —
- Strategy for data augmentation: —

Technical specifications

ECG (model_outputs)

Field	Value
Image resolution	gjhj
Patient positioning	—
Scan(s) manufacturer and model	—
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

MR T1 (model_inputs)

Field	Value
Image resolution	—
Patient positioning	h
Scan(s) manufacturer and model	h

Field	Value
Scan acquisition parameters	
Scan reconstruction parameters	
FOV	h h

CBCT (model_inputs)

Field	Value
Image resolution	bh hj
Patient positioning	h hjh j
Scan(s) manufacturer and model	hhcdfg
Scan acquisition parameters	hgkhg
Scan reconstruction parameters	gvkkgh
FOV	g vhg

- Reference standard: —
- Reference standard QA: —

Patient demographics and clinical characteristics

- Age: —
- Sex: —

Validation strategy: —

Validation data partition: —

Model choice criteria: —

Inference method: —

4. Evaluation Data Methodology, Results and Commissioning

1 1

Evaluation date: 2025/09/02

Evaluated by

- Name(s): ghhh
- Institution(s): ghghg
- Contact email(s): hghg
- Same as 'Approved by': Yes

Evaluation frame: hhjhj

Sanity check: hhj

Evaluation dataset

General information

- **Total size:** jh
- **Number of patients:** jh
- **Source:** jhjh
- **Acquisition period:** jh
- **Inclusion / Exclusion criteria:** jhjh
- **URL info:** jh

Technical specifications

ECG (model_outputs)

Field	Value
Image resolution	—
Patient positioning	—
Scan(s) manufacturer and model	—
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

MR T1 (model_inputs)

Field	Value
Image resolution	—
Patient positioning	—
Scan(s) manufacturer and model	—
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

CBCT (model_inputs)

Field	Value
Image resolution	—
Patient positioning	—
Scan(s) manufacturer and model	—
Scan acquisition parameters	—
Scan reconstruction parameters	—
FOV	—

- Reference standard: h
- Reference standard QA: hjhj
- Additional information: hj

Patient demographics and clinical characteristics

- ICD10/11: h - TNM staging: hj - Age: hjh
- Sex: jh
- Target volume (cm³): h - BMI: hjjh - Additional information: hj

Quantitative evaluation

Image Similarity Metrics

MAE (Mean Absolute Error)

Field	Value
Type	MAE (Mean Absolute Error)
On Volume	A_Aorta_Asc
Registration	NONRIGID
Sample Data	—
Mean Data	jhk
Figure Appendix Label	—

Dose Metrics

MSE (Mean Squared Error)

Field	Value
Type	MSE (Mean Squared Error)

Field	Value
Metric Specifications	nkhkj
On Volume	Boost
Registration	RIGID
Treatment Modality	External beam radiation therapy (EBRT) - Photons (LINAC) - VMAT
Dose Engine	—
Dose Grid Resolution	—
TPS Vendor	—
Sample Data	—
Mean Data	—
Figure Appendix Label	—

Qualitative evaluation

Evaluators information: —

Likert scoring

- Method: —
- Results: —

Turing test

- Method: —
- Results: —

Time saving

- Method: —
- Results: —

Other

- Method: —
- Results: —

Explainability: —

Citation details: —

5. Other considerations

No other considerations provided.