

How should we face this new era

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1. About Me
2. About Biomedical Engineering
3. About AI
4. About You

About Me

About Me

- 戴偉璿
- Graduated from YLSH at 112 (YLSH student id: 910466)
- Biomedical Engineering, National Taiwan University
- CTBC brothers, Philadelphia Phillies, Manchester City
- Brawl Stars, Core Keeper, Rim World
- Old songs

What I'm skilled at

- C++ programming
- Datastructures and Algorithms
- Machine Learning and Deep Learning
- Linear Algebra and Statistics

About Biomedical Engineering

What I'm doing now?

Employing deep learning methods to generate synthetic CT images.

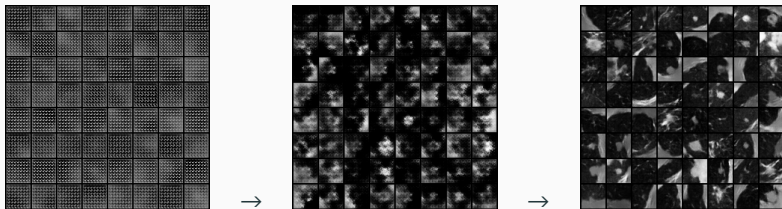


Figure 1: CT image generation results across training epochs.

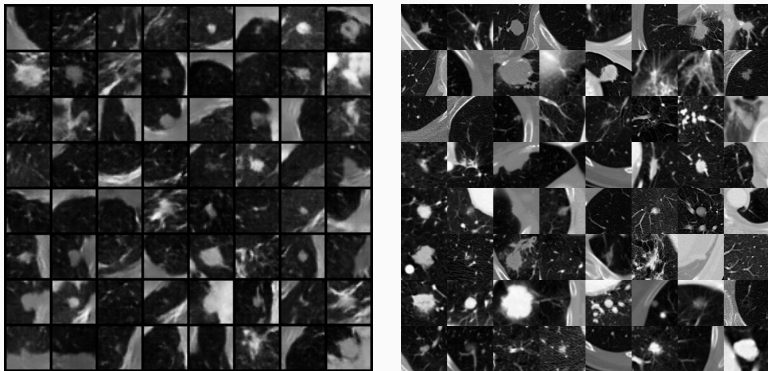
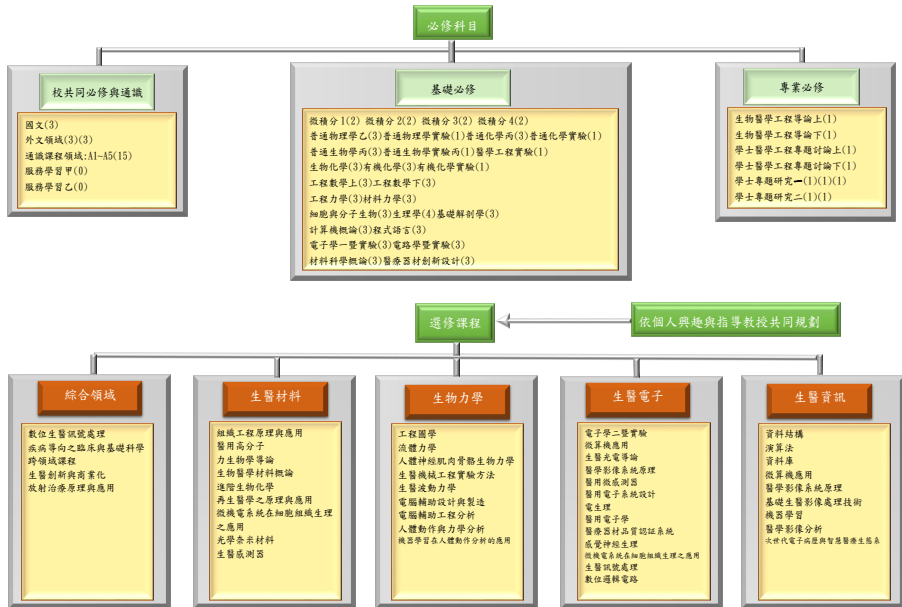


Figure 2: Generated CT image (left) vs. Real CT image (right).

Brief Intro to Biomedical Engineering

- Utilizing engineering principles to solve medical problems.
- Four main areas:
 - 生醫材料
 - 生物力學
 - 生醫電子
 - 生醫資訊
- Learning basic medicine, biology, chemistry, physics, and engineering at Grade 1 and 2.
- Specializing in one of the four areas at Grade 3 and 4.

應修最低畢業 130 學分=校共同必修與通識 24 學分+系訂必修 77 學分+系訂選修 29 學分

About AI

About You
