How One Donor Affects Thousands of Patients: An interprofessional exploration of anatomy, pathology, and one human story

her story CL was a 54-year old white woman who died in August 2017. Her

next of kin, a first cousin, contacted the Quinnipiac Body Donation Program, in which CL had expressed the desire to participate. The directors of the program considered refusing the donation, as she nearly met the program's exclusionary criteria for obesity

she had metastatic cancer of some kind. The directors decided to accept

donation, but rather than have novice students perform the Pathologies noted:

tudio

- Dozens of metastatic lung lesions of prosect which had eroded a pulmonary artery, causing a

- Frozen section of lung lesions substernal pleural offusion (performed by MFS): osteosarcoma

- Death certificate noted "uterine

occupation as "pottery

masses grossly

masses found no

-oengriged uterus contained

- Frozen Section of uterine

benign fibroma as well as

sarcoma" as COD and her

Setting Quinnipiac University welcomed its first medical school class in 2013. A 12,000 square foot anatomy lab was constructed on the new graduate campus in North





The new lab also provided new opportunities for students in other disciplines to visit the anatomy lab.

In 2015, the Doctorate of Nurse Practice (DNP) program created a prosection-based anatomy experience for its students

An anatomist at the medica school (LC) prosects one donor cadaver each year and the DNP and CRNA students visit for nine 30-minute anatomy sessions over the course of their two-Semester "Advanced Health Assessment" class

barriers



Four fourth year



gist MFS at double-headed cope with an M4 reviewing



An M4 discusses the case



Gross appearance of uterus with large benign fibroma (A) and significant hemorrhagic malignancies (B)

and her cousin

12 second year

strict

donor

of pathology, radiology, and pathophysiology.

evidence of uterine sarcoma; all lesions were osteosarcoma - Whole body plain film xray revealed no bony

consistent

lesions, indicating a primary osteosarcoma originating in the uterus

- Frozen section of pituitary: cyst that may have contributed to obesity & uterine fibroids

ideas for moving forward

Body donation programs

consider relaxing some of their

criteria for donation - this "unideal"

Wherever possible, students for the anuthmatched learning opportunity investigate a case together, even asynchronously dozens of students, who, in turn, will interact with All donors have a story - colliance and so departient the security steeling und Parteets gy Assistant and/or Diagnostic Imaging students can improve students' understanding

Near-peer teaching (i.e., M4s teaching M2s) can be an effective and motivating model to improve learning for all participants, and we plan to seek out additional opportunities to encourage such interactions.

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Previous clinical experience, such as that of the DNP students, provides invaluable insight into the lives and experiences of living patients. Nurses see the anatomy underlying the their patients' conditions have and help less experienced students broaden their perspectives on clinical medicine.

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(cc)

donor fees and faculty time when dealing with a shared resource like this? Incentivizing student & faculty participation

Pathology & DI

housed far from

equipment

anatomy lab (fixed!)

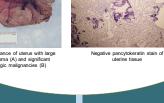
Conflicting

collaboration

teaching outside own school counts less toward promotion We cannot predict what conditions future donors will have; replicating this experience mav be impossible

Faculty time

spent





diagnosis by viewing gross lesions and frozen sections





