

# 令和7年度 第80回 大学院セミナー

令和8年 3月 1日

分野名 Area of Research (責任者名)(内線)	アイソトープ診断治療学分野 (原研放射) 責任者名(工藤 崇) 内線(7101)
演題 Title	GENKEN research seminar 1. Effects of daily intake of $\alpha$ -cyclodextrin on thyroid uptake of I-131 2. Change of prescription rule for ATTR cardiac amyloidosis with CARI (Cardiac Amyloid Radioisotope Imaging) 3. Occupational radiation according to the radioisotope therapy; An update
講師等 Presenter	原爆後障害医療研究所 アイソトープ診断治療学分野 教授 工藤 崇 先生・助教 西 弘大 先生
概要 Abstract	<p>1. Our research group has previously discovered that alpha-cyclodextrin captures radioactive iodine through inclusion complex formation, and we have been exploring its application in reducing thyroid radiation exposure.</p> <p>2. ATTR cardiac amyloidosis (ATTR-CA) is a game-changing disease in the management of heart failure. Drug therapy for this newly recognized disease requires a definitive diagnosis through biopsy in Japan. Thanks to the efforts of many nuclear cardiologists, the prescription of tafamidis, acoramidis, and vutrisiran was approved without a biopsy when a probable diagnosis was made using CARI (cardiac amyloidosis radioisotope imaging). Our department was heavily involved in this effort.</p> <p>3. According to the expansion of radioisotope therapy, fear of occupational radiation is recognised as one of the obstacles to expanding this therapy. Our department is continuously working to improve recognition of the low risk of radiation according to this therapy. We are updating our work in this.</p>
開催日時 Date and Time	令和8年 3月 11日 (Wed) 17:30~18:30
開催方法 Online/Face to face	On Zoom
備考 Notes	受講を希望する場合は、ID・パスワードをお教えしますので、必ずご連絡ください。(内線 7101 or Email:tkudo123@nagasaki-u.ac.jp) If you would like to participate in this seminar and need Zoom ID and Password, please contact tkudo123@nagasaki-u.ac.jp.

- 先端医療科学特論(基礎編)
- 先端新興感染症病態制御学特論
- 日本語(Japanese)
- 対面(Face to face)

- 先端医療科学特論(臨床編)
- 先端放射線医療科学特論
- 英語(English)
- オンライン(Online)