

## 福島第一原子力発電所事故後の看護師の離職意識に関連する要因 に関する研究論文が PLOS ONE に掲載されました

福島県立医科大学附属病院の佐藤良信看護師（本学医歯薬学総合研究科保健学専攻修士課程修了）と原爆後障害医療研究所の高村昇教授らが行った「福島第一原子力発電所事故後の看護師の離職意識に関連する要因」の研究論文が、3月27日付けで米総合医学雑誌である PLOS ONE に掲載されました。これは長崎大学と福島県立医科大学の共同研究として行われたもので、2011年3月の事故後に、福島県立医科大学附属病院の看護師の離職意識に関連する因子の同定を、アンケート調査をもとに統計学的に解析したもので、その結果離職意識は「未就学児と同居していた」、「福島市周辺での生活に不安を感じた時期があった」、「放射線の影響を心配して避難を考えた時期があった」、「将来放射線による子どもへの健康影響があると考えている」看護師に高頻度にみられたことが明らかになりました。これらの結果は、医療従事者における被ばく医療学の正しい理解の重要性を示すものです。なお、本論文は、下記のウェブサイトで入手可能です。

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0122389>

The screenshot shows the PLOS ONE article page. The title is "Factors Associated with Nurses' Intention to Leave Their Jobs after the Fukushima Daiichi Nuclear Power Plant Accident" by Yoshinobu Sato, Naomi Hayashida, Makiko Orita, Hideko Urata, Tetsuko Shinkawa, Yoshiko Fukushima, Yumiko Nakashima, et al. The abstract text reads: "We conducted a survey among nurses who were working at the Fukushima Medical University Hospital at the time of the Fukushima Daiichi Nuclear Power Plant accident to clarify the factors associated with their intention to leave their jobs during the radiation emergency. We asked 345 nurses (17 men and 328 women) about their intention to leave their jobs after the accident. We also asked about relevant factors including the participants' demographic factors, living situation, working status, and knowledge of radiation health effects. We found that living with preschoolers (OR = 1.87, 95%CI: 1.02–3.44, p = 0.042), anxiety about life in Fukushima City after the accident (OR = 5.55, 95%CI: 1.18–26.13, p = 0.030), consideration of evacuation from Fukushima after the accident (OR = 2.42, 95%CI: 1.45–4.06, p = 0.001), consideration of the possible radiation health effects in children (OR = 1.90, 95%CI: 1.02–3.44, p = 0.042), and anxiety about relationships with colleagues in the hospital after the accident (OR = 3.23, p = 0.001) were independently associated with the nurses' intention to leave their jobs after the accident. On the other hand, the percentage of nurses with knowledge on radiation health effects was relatively low among those who had the intention to leave the job and among those who did not have the intention to leave the job after the accident, with no significant differences between the two groups. Our results suggest the need for an education program for nurses regarding radiation health effects." The page also features a navigation menu on the left, a subject area list on the right (including Nurses, Radiation, Radiation exposure, Children, Critical care and em..., Demography, Dosimetry, and Regression analysis), and a download PDF button.