

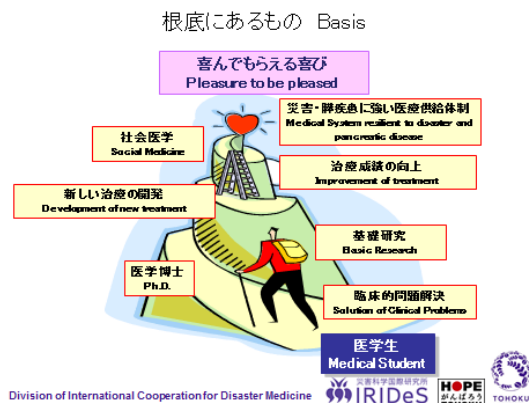
Lecture in Graduate School of Biomedical Engineering. (2013/7/10)

Venue: Dept. Engineering Central Lecture Hall, Tohoku University (Sendai)
Topics: Terminal Care Medicine

On Jul. 10th, Prof. Egawa made a lecture in the Graduate School of Biomedical Engineering in Tohoku University about the terminal care medicine. Terminal care medicine is different from palliative care medicine and providing the care for the terminally ill patients. The lecture was interactive by using the answer pads. For the international students, the slides were subtitled with English, but the lecture itself was in Japanese.

About 160 actively participated using answer pads. The median year was 22 (17-81), Male: Female: Undisclosed = 128:23:14. To the question, “what do you think life is”, most answered “Dies” followed by “Reproduces itself”, “Has soul” and “Has gene”. Only one person has ever heard that life is negative entropy, that is written in 1944 “What is life” by Erwin Schrödinger. On the other hand, 48% of the participants answered that the cosmos is alive. Only 28% of the audience had encountered the death of family or close friend.

In the lecture, Prof. Egawa conducted a role play assuming that 46-year-old man who has family was diagnosed as pancreatic cancer with liver metastases. Each one in three played the role of doctor who has to tell the man about the diagnosis, stage and the prognosis. Another one played the role of patient himself. Another one was an evaluator. About half of the doctors thought that they sufficiently explain the disease and the prognosis, while 34.5% of the patient felt that doctor only explained the fact but not expressed sympathy. Although the audience scarcely knows about the pancreatic cancer, 20.7% of patients felt the sympathy from doctors and the half of the evaluators felt good patient-doctor relationship in their team. “What is life”, “what is death”, “when terminal begins”, role play, pancreatic cancer and interactive lecture stimulated the master students in biomedical engineering.



Basis of your job

Role play

シナリオ 父は46歳。中規模の企業の課長をされており、母は42歳。大学院1年生の息子と大学3年生の娘がいる。肝臓に転移を有する進行した膵癌であると診断された。The father is diagnosed as a metastasized pancreatic cancer with life expectancy of three months.

- 3人で1チームをつくってください。 make a team of three
- じゃんけんで役割を決めてください。 Define roles as:
 - 1人は 患者本人 the patient with family
 - 1人は 担当医 the doctor
 - 1人は 評価者 evaluator

担当医は家族のいる前で本人に病状とこれからの治療方針について説明してください
Doctor explains the diagnosis and future plan.
時間5分間 Role play for 5 min
担当医、患者本人、評価者の順に感想をのべてください。 Evaluate in order of Dr. Pt. Ev.

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Role play scenario

Shinichi Egawa (Disaster Medicine)