

TDK student / teacher assistant career model

Semmelweis University
Heart and Vascular Center
Department of Surgical Research and Techniques

Goal to be achieved	Resources	Tools	Responsible
Increasing the number of TDK students in the department, making the department more attractive from a research point of view	Organizing and launching research work, announcing new research topics	Provide the research profile of the department on the website and publicate the research topics in English and Hungarian. Motivating students for scientific work.	All graduate colleagues
Motivating TDK students to complete TDK research, to attend TDK Conference	Development of a mentoring and skills development program.	Selecting talented students, inviting them to TDK students. Fruitful relationship between students and supervisors. Possibility to take credit courses out of line.	All graduate colleagues
Motivate TDK and teacher assistants to prepare thesis in the department	Wide research profile	Understandable topic definition and looking for the place of the student in the research process (eg. tasks, opportunities, surgical/ literature research). Possibility to take credit courses out of line.	All graduate colleagues

Each year, a scientific publication or a Rector's competition written by a student should be born in the department	Development of a mentoring and skills development program.	Highlighting and motivating talented students. Good student-teacher relationship.	All graduate colleagues
TDK students continue their scientific work in the department after graduation as PhD student	Offering PhD student / researcher status.	Promoting the research career model, emphasizing the relationship system and opportunities.	All graduate colleagues

Skills development program (TDK student, teacher assistant):

- 4th year:
 - Application for teacher assistant position (preferable: paid status)
 - Completion of Intermediate knotting and suturing techniques course
 - Defining research topic, literature search, joining to research group - definition of own work!
- 5th year:
 - Completion of Advanced laparoscopic or Advanced suturing techniques course
 - Participation in TDK Conference with a presentation
 - Expansion of research topic, further experiment, data management, data processing
 - Possible scientific publication or rector's competition
 - Defining thesis topic and milestones
- 6th year:
 - Individual development of the most talented student's skills according to their own interests - e.g. completion of a missed credit course, possibility to join one of the microsurgical or laparoscopic days of the surgical skill training program
 - Completion of research work, data processing, literature search
 - Preparation of a possible scientific publication
 - Thesis preparation

