

26<sup>th</sup> World Congress on

# NURSING CARE

May 21-23, 2018 Osaka, Japan

## Oncology nurses' knowledge and willingness of promoting advanced care planning in Southwest China

Meng-Yan Tang and Xiao-Ling Li  
Sichuan University, China

**Introduction & Purpose:** Only a few researches relating to ACP were conducted at the nurses' point of view and little is known about the nurses' knowledge and their willingness of promoting ACP in China. The aim of this study was to investigate oncology nurses' knowledge and their willingness of promoting ACP, and explore the influencing factors related to knowledge and willingness of promoting ACP.

**Methods:** A questionnaire survey was conducted to investigate 350 nurses in 4 oncology departments of 4 different university hospitals in China.

**Results:** Among them, 176 never received hospice care education (60.1%), 213 never heard of ACP (72.7%) and 261 never received training about ACP (89.1%). Nurses with higher position title ( $\chi^2=18.41$ ,  $p<0.001$ ), longer working experience ( $\chi^2=12.25$ ,  $p=0.001$ ) were more likely to received hospice care education; nurses with higher educational background ( $\chi^2=12.91$ ,  $p<0.001$ ), higher position title ( $\chi^2=9.77$ ,  $p=0.003$ ), and longer working experience ( $\chi^2=7.92$ ,  $p=0.006$ ) had a greater chance to heard about ACP; nurses with higher position title had more opportunities to receive relating training ( $\chi^2=5.10$ ,  $p=0.03$ ). Heard about ACP ( $t=-3.26$ ,  $p=0.001$ ;  $B=3.113$ ,  $p=0.018$ ) and received training about ACP ( $t=-2.71$ ,  $p=0.007$ ;  $B=3.894$ ,  $p=0.04$ ) were associated with willingness of promoting ACP.

**Conclusion:** Our findings indicate that oncology nurses are willing to promote ACP but with very poor knowledge in China. A systematic and adequate training toward ACP for nurses is in urgent need to build this ACP training fit for Chinese nurses, three important factors as the nurses' level of education, position title and working experience are must be considered, thus, a targeted ACP training for nurses in different seniority is needed.

### Biography

Meng-Yan Tang has completed her bachelor's degree from Nursing School, West China Hospital of Medicine, Sichuan University, China. Presently she is a graduate student of Nursing School, West China Hospital of Medicine, Sichuan University, China.

526440982@qq.com

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