

# FNUN



VOLUME 27, NUMBER 3, OCTOBER 2019

## Florence Nightingale Journal of Nursing

Florence Nightingale Hemşirelik Dergisi



**ISTANBUL**  
UNIVERSITY  
**CERRAHPASA**

# FNJJN



VOLUME 27, NUMBER 3, OCTOBER 2019

Florence Nightingale Journal of Nursing

Florence Nightingale Hemşirelik Dergisi



**ISTANBUL**  
UNIVERSITY  
**CERRAHPASA**

**Florence Nightingale Journal of Nursing is covered in;**

ESCI (Emerging Sources Citation Index),  
TUBITAK-ULAKBİM's Turkish Medical Index,

**Florence Nightingale Hemşirelik Dergisi**

ESCI (Emerging Sources Citation Index),  
TUBİTAK-ULAKBİM Türk Tıp Dizini tarafından dizinlenmektedir.



## EDITORIAL BOARD

### Editor in Chief

Prof. Dr. M. Nihal ESİN

Istanbul University-Cerrahpaşa Florence Nightingale Faculty of Nursing, Istanbul - TURKEY  
ORCID ID: 0000-0002-5476-9419

### Associate Editors

Assoc. Prof. Dr. Funda BÜYÜKYILMAZ

Istanbul University-Cerrahpaşa Florence Nightingale Faculty of Nursing, Istanbul - TURKEY  
ORCID ID: 0000-0003-2882-3757

Asst. Prof. Dr. Tuluha AYOĞLU

Istanbul University-Cerrahpaşa Florence Nightingale Faculty of Nursing, Istanbul - TURKEY  
ORCID ID: 0000-0002-2247-6830

### Statistics Editor

Assoc. Prof. Dr. Eray YURTSEVEN

İstanbul University Faculty of Medicine, İstanbul - TURKEY  
ORCID ID: 0000-0003-0565-6407

## EDITORIAL ADVISORY BOARD

Prof. Dr. Rengin ACAROĞLU

Istanbul University-Cerrahpaşa, Istanbul - TURKEY

Prof. Dr. Nursan DEDE ÇINAR

Sakarya University, Sakarya - TURKEY

Prof. Dr. Nuray ENÇ

Istanbul University-Cerrahpaşa, Istanbul - TURKEY

Prof. Dr. İsmet EŞER

Ege University, Izmir - TURKEY

Prof. Dr. Sebahat GÖZÜM

Akdeniz University, Antalya - TURKEY

Prof. Dr. Nevin HOTUN ŞAHİN

Istanbul University-Cerrahpaşa, Istanbul - TURKEY

Prof. Dr. Hülya KAYA

Istanbul University-Cerrahpaşa, Istanbul - TURKEY

Assoc. Prof. Dr. Meral KELLEÇİ

Cumhuriyet University, Sivas - TURKEY

Dr. Shahla MEEDYA

University of Wollongong, Sydney - AUSTRALIA

Assoc. Prof. Dr. Karen A. MONSEN

University of Minnesota, MN - USA

Prof. Dr. Şeyda SEREN İNTEPELER

Dokuz Eylül University, Izmir - TURKEY

Prof. Dr. Panayota SOUTZİ

National and Kapodistrian University of Athens, Athens - GREECE

Prof. Dr. Serap ÜNSAR

Trakya University, Edirne - TURKEY

Prof. Dr. Saadet YAZICI

University of Health Sciences, Istanbul - TURKEY

Prof. Dr. Aytolan YILDIRIM

Istanbul University-Cerrahpaşa, Istanbul - TURKEY

Prof. Dr. Suzan YILDIZ

Istanbul University-Cerrahpaşa, Istanbul - TURKEY

Prof. Dr. Ümmü YILDIZ FİNDİK

Trakya University, Edirne - TURKEY

Papers and the opinions in the Journal are the responsibility of the authors.

This is a scholarly journal published three times a year in February, June and October and distributed free.

### Correspondence Address

İstanbul Üniversitesi-Cerrahpaşa Florence Nightingale Hemşirelik Fakültesi

Abide-i Hürriyet Caddesi 34381 Şişli / İstanbul - Turkey

Phone: +90-212-440 0000 / 27006

Fax: +90-212-224 4990

e-mail: iufnhd@istanbul.edu.tr

http://fnjn.istanbulc.edu.tr

### Owner

The Journal is owned by Prof. Dr. Sevim BUZLU (Istanbul, Turkey) on behalf of Istanbul University-Cerrahpaşa Florence Nightingale Faculty of Nursing  
*İstanbul Üniversitesi-Cerrahpaşa Florence Nightingale Hemşirelik Fakültesi adına sahibi Prof. Dr. Sevim BUZLU (İstanbul, Türkiye)*

### Responsible Manager

The Journal is Responsible Manager by Prof. Dr. M. Nihal ESİN (Istanbul, Turkey) on behalf of Istanbul University-Cerrahpaşa Florence Nightingale Faculty of Nursing  
*İstanbul Üniversitesi-Cerrahpaşa Florence Nightingale Hemşirelik Fakültesi adına Sorumlu Yazı İşleri Müdürü Prof. Dr. M. Nihal ESİN (İstanbul, Türkiye)*

### Prepared by

AVES Yayıncılık  
Büyükdere Cad. No: 105/9 34394 Mecidiyeköy, Şişli / İstanbul - Turkey  
Phone: +90-212-217-1700 Fax: +90-212-217-2292  
www.avesyayincilik.com

### Printed in

Dakik Baskı ve Reklamcılık Hizmetleri Sanayi ve Ticaret Ltd. Şti  
Oğuzlar Mah. Ceyhan Atuf Kansı Cad. 1386. Cad. No: 8 / C Balgat, Çankaya/Ankara  
Phone: +90 312 474 35 35  
Sertifika No: 44083

## EDITORIAL

---

10.5152/FNJN.2019.161019

Dear Readers,

Florence Nightingale Journal of Nursing (FNJN), one of the oldest journals in the nursing field in Turkey, was first published in 1981. To date, a total of 60 issues and 610 articles have been published. FNJN has been published regularly for nearly 40 years. In 2013, the journal began to be published electronically. Our journal was included in the TR index in 2008 and it started to be indexed in ESSCI (Web of Science and Indexed in the Emerging Sources Citation Index (ESCI)) in 2017. As of this issue, all of our articles will be published in English. Our PubMed (BMC) process will start in 2020.

The contributions of our readers and reviewers are very important for our journal to reach this level. Therefore, we would like to thank you as the editorial team. Our next goal is to include our journal in the Science Citation Index-Expanded. In order to achieve this goal, it is important to increase the number of citations of our journal. In this regard, we look forward to your support.

In this issue, we have included 7 research and 2 review articles. I would like to state that we also have two articles from Malaysia and Sweden in this issue. The subjects of two of our research articles are educational environments of nursing and medical students and Social Innovation Tendencies. Two researches are related to infection control, medical errors, costs and simulation use in terms of nursing practice. The subject of the other study is Understanding the Diffusion of Theoretical Knowledge in Nursing: A Citation Analysis of Meleis's Transition Theory. We believe that these articles on different fields of nursing science will contribute to the theoretical and practical capacity of nursing science.

We are waiting for your comments and suggestions for our journal,

Sincerely

Prof. M. Nihal ESİN  
Editor in Chief

## CONTENTS

### Research Articles

- Student-Based Analysis of Perception Regarding the Educational Environment Using the Dundee Ready Education Environment Measure Questionnaire at Chattagram Maa-O-Shishu Hospital Medical College, Bangladesh  
**Asma Mostafa, Rozina Hoque, Mainul Haque** ..... 211
- The Effect of a Guide Based Application Bundle on the Catheter-Related Infection  
**Burcu Kübra Süha, Şerife Karagözoğlu**..... 222
- Perceptions of Infection Control Practices and the use of Vignettes to Alter Infection Control Behavior:  
A Feasibility Study  
**Maria Lindberg, Bernice Skytt, Magnus Lindberg** ..... 231
- Effect of Professionalism Level on Tendency to Make Medical Errors in Nurses  
**Necmettin İsci, Serap Altuntaş** ..... 241
- The Cost of Prenatal Care Services in the City of Aydın: A Cross-Sectional Study  
**Safiye Özvurmaz, Zekiye Karaçam, Vesile Ünay** ..... 253
- The Correlations Between Nursing and Medical Students' Values and Social Innovation Tendencies  
**Betül Sönmez, Fatma Azizoğlu, S. Bilge Hapçioğlu, Aytolan Yıldırım**..... 263
- Understanding the Diffusion of Theoretical Knowledge in Nursing: A Citation Analysis of Meleis's Transition Theory  
**Kemal Yayla**..... 275

### Systematic Review

- NOC/NIC Linkages to NANDA-I for Continence Care of Elderly People with Urinary Incontinence in Nursing Homes: A Systematic Review  
**Hatice Bebiş, Sue Moorhead, Dercan Gençbaş, Serpil Özdemir, Memnun Seven**..... 284

### Review

- Example of a Simulation Design in Nursing Education: Safe Chemotherapy Administration  
**Yasemin Uslu, Vesile Ünver, Vildan Kocatepe, Ükke Karabacak** ..... 304

- Reviewer List** ..... 314