



# ABDÜLKADIR BAKAY

## ASSOC. PROF.

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### International Researcher IDs

ScholarID: SCHTHW0AAAAJ

ORCID: 0000-0002-0300-0810

Publons / Web Of Science ResearcherID: H-9018-2018

ScopusID: 55371497800

Yoksis Researcher ID: 193666

### Learning Knowledge

Expertise In Medicine  
2003 - 2009

University Of Health Sciences, İstanbul Şişli Hamidiye Etfal Sağlık Uygulama Ve  
Araştırma Merkezi, Cerrahi Tıp Bilimleri Bölümü, Turkey

Undergraduate  
1997 - 2003

Istanbul University, İstanbul Tıp Fakültesi, İstanbul Tıp Pr., Turkey

### Foreign Languages

English, C1 Advanced

### Academic Titles / Tasks

Associate Professor  
2019 - Continues

Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü

Assistant Professor  
2016 - 2019

Ondokuz Mayıs University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü

### Supported Projects

1. Bakay A., Project Supported by Higher Education Institutions, Minimal İnvaziv Cerrahide Uterus Manipülâtörü - 1924B, 2023 - 2023
2. Bakay A., Project Supported by Higher Education Institutions, Laparoskopik myomektomi operasyonunda yeni

nesil miyoma uteri ekartörü, 2021 - 2023

3. Bakay A., Project Supported by Higher Education Institutions, YENİ NESİL BALON TAMPONAD, 2021 - 2023
4. Bakay A., Project Supported by Higher Education Institutions, Non iletken Saydam Cerrahi Diseksiyon Aparatı, 2019 - 2023
5. Bakay A., Project Supported by Higher Education Institutions, 1924 -Fikri Sınai Mülkiyet Hakları Destek Projesi, 2018 - 2023
6. Bakay A., Project Supported by Higher Education Institutions, Yardımcı Üreme Tekniklerinde HRG ve TP73 Gen Mutasyonlarının Ovaryen Cevaba Etkisi., 2016 - 2017
7. Bakay A., Tural Ş., Project Supported by Higher Education Institutions, Yardımcı Üreme Tekniklerinde HRG ve TP73 Gen Mutasyonlarının Ovaryen Cevaba Etkisi, 2016 - 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **Prognostic Role of Lymphadenectomy among Women with Low Grade Lymphovascular Space Invasion-Positive Clinically Uterus Confined Endometrioid Endometrial Cancer**  
Yalçın İ., Bakay A., Ceylan Ö., Ersak B., Cuyulan Z. F., Güven D., Tekin Ö. M., Sahin B., Katirci Y., Özdal B.  
Clinical and Experimental Obstetrics and Gynecology, vol.50, no.12, 2023 (SCI-Expanded)
2. **Analysis of prognostic factors in Grade 3 endometrioid type endometrial carcinoma.**  
Sahin E. A., TOPRAK S., Sayal H. B., Ekinci T., YILMAZ E., Bakay K., MELEKOĞLU R., Sezgin B., Tohma Y. A., Şahin H.  
International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics, vol.159, no.3, pp.719-726, 2022 (SCI-Expanded)
3. **Do Changes in Body Shape Due to Pregnancy Lead to Cosmetic Surgery? A Cross-Sectional Study**  
Ulubasoglu H., Bakay K., Güven D., AK S., Yagmur C., Hatirnaz S., Sparic R., Tinelli A.  
ZEITSCHRIFT FÜR GEBURTSHILFE UND NEONATOLOGIE, vol.226, no.04, pp.251-255, 2022 (SCI-Expanded)
4. **Effects of HRG and TP73 gene variations on ovarian response**  
Bakay K., Çoban U., Arslan M. A., Güven D., Tural Ş.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.38, no.3, pp.243-247, 2022 (SCI-Expanded)
5. **A multimodal concept for vaginal cuff closure by modification of the Bakay technique in total laparoscopic hysterectomy: a randomized clinical study**  
Kalkan U., Bakay K.  
BMC WOMENS HEALTH, vol.22, no.1, 2022 (SCI-Expanded)
6. **Prophylactic ligation of uterine arteries at its origin in laparoscopic surgical staging for endometrial cancer**  
Yavuzcan A., Bakay K.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.47, no.12, pp.4381-4388, 2021 (SCI-Expanded)
7. **Hypogastric artery ligation in laparoscopic hysterectomy: results from a randomized controlled trial**  
Bakay K., Yavuzcan A., Kalkan U., Yalçın İ., Hatirnaz S., BAŞBUĞ A., Güven D.  
CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY, vol.48, no.6, pp.1304-1310, 2021 (SCI-Expanded)
8. **Prognostic factors and survival outcomes of women with uterine leiomyosarcoma: A Turkish Uterine Sarcoma Group Study-003**  
AYHAN A., Gungorduk K., KHATİB G., Cuyulan Z. F., Boran N., Gokcu M., Celik H., ÖZGÜL N., Akbayir O., ŞİMŞEK T., et al.  
CURRENT PROBLEMS IN CANCER, vol.45, no.5, 2021 (SCI-Expanded)
9. **A Comparative Multicentric Study on Serosal and Endometrial Myomectomy During Cesarean Section: Surgical Outcomes**  
Hatirnaz S., Guler O., BAŞBUĞ A., Cetinkaya M. B., Kanat-Pektas M., Bakay A., Celik S., ŞENTÜRK Ş., Soyer-Caliskan C., Gurcaglar A., et al.  
JOURNAL OF INVESTIGATIVE SURGERY, vol.34, no.7, pp.687-694, 2021 (SCI-Expanded)
10. **Mechanical bowel preparation prior to gynaecological laparoscopy enables better operative field visualization, lower pneumoperitoneum pressure and Trendelenburg angle during the surgery: a**

**perspective that may add to patient safety**

Kalkan U., Yassa M., Bakay K., Hatirnaz S.

CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY, vol.48, no.4, pp.842-850, 2021 (SCI-Expanded)

11. **Can in vitro maturation overcome cycles with repeated oocyte maturation arrest? A classification system for maturation arrest and a cohort study**  
Hatirnaz S., BAŞBUĞ A., Hatirnaz E., Tannus S., Hatirnaz K., Bakay K., Dahan M. H.  
INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS, vol.153, no.3, pp.496-502, 2021 (SCI-Expanded)
12. **Introduction of a Novel Modification in Laparoscopic Hysterectomy: The Bakay Technique**  
Bakay A.  
JOURNAL OF MINIMALLY INVASIVE GYNECOLOGY, vol.25, no.5, pp.916-919, 2018 (SCI-Expanded)
13. **Relation with postpartum maternal morbidity of different types of anesthesia in preeclamptic patients**  
Ulubasoglu H., Bakay A., Güven D.  
HYPERTENSION IN PREGNANCY, vol.37, no.1, pp.25-29, 2018 (SCI-Expanded)
14. **The effect of physical activity on the levels of the hormones, serotonin and melatonin in premenstrual syndrome**  
Bakay A., Ulubasoglu H., Atan T., Alacam H., Guven D., Batioglu S.  
CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY, vol.45, no.3, pp.425-427, 2018 (SCI-Expanded)
15. **Mechanical bowel preparation for laparoscopic hysterectomy, is it really necessary?**  
Bakay K., Aytakin F.  
Journal of Obstetrics and Gynaecology, vol.37, no.8, pp.1032-1035, 2017 (SCI-Expanded)
16. **The impact of progesterone supplementation on pregnancy rates after intrauterine insemination in patients developing a single follicle**  
Güven D., Batioglu A., Sari S., Bakay A.  
HUMAN FERTILITY, vol.19, no.2, pp.111-113, 2016 (SCI-Expanded)
17. **Antenatal Diagnosis of Partial Trisomy 8 and Partial Monosomy 1: A Case Report**  
Güven D., Bakay A., Ozdemir A., Koçak İ.  
INTERNATIONAL JOURNAL OF HUMAN GENETICS, vol.12, no.3, pp.191-195, 2012 (SCI-Expanded)

## Articles Published in Other Journals

1. **Effect of COVID-19 mRNA vaccine on serum AMH, TSH, FSH and LH concentrations**  
Aydın M. F., Afşin M., Yeleç S., Bakay A., Özçelik Otcu S. M.  
JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE, vol.41, no.2, pp.300-302, 2024 (Scopus)
2. **Investigation of awareness of human papilloma virus infection among female health workers at Ondokuz Mayıs University**  
Katirci Y., Yalçın İ., Bakay A., Güven D., Koçak İ.  
Journal of Experimental and Clinical Medicine (Turkey), vol.40, no.1, pp.76-79, 2023 (Scopus)
3. **The effect of iv tranexamic acid on blood loss during myomectomy**  
Kalkan Ü., Ölçenoğlu M., Bakay K.  
Journal of Experimental and Clinical Medicine (Turkey), vol.39, no.3, pp.616-619, 2022 (Scopus)
4. **A rare case of synchronous genital carcinoma involving endometrium and unilateral fallopian tube in a 24 years old patient**  
Savci G., Bakay K.  
Journal of Experimental and Clinical Medicine (Turkey), vol.39, no.1, pp.308-309, 2022 (Scopus)
5. **The effect of myths about sexuality and the level of knowledge about sexuality on the marital satisfaction in married couples**  
Bakay B. E., Orhon E. A., Bakay K., Olcenoglu F., Güven D., Yalçın İ., Uyar M.  
Journal of Experimental and Clinical Medicine (Turkey), vol.38, no.3, pp.340-344, 2021 (Scopus)
6. **Fertility preservation in Turkey: a global look for nationwide strategy development**

- Hatirnaz S., Bakay A., Hatirnaz E., Güven D., BAŞBUĞ A., Celik O., YILDIRIM G., Unlu C.  
JOURNAL OF THE TURKISH-GERMAN GYNECOLOGICAL ASSOCIATION, vol.20, no.3, pp.196-207, 2019 (ESCI)
7. **Can we use waist circumference in the first trimester to screen for gestational diabetes?**  
Ulubasoglu H., Bakay K., Ozdemir A. Z., Guven D., Batioglu S.  
Journal of Experimental and Clinical Medicine (Turkey), vol.36, no.1, pp.9-12, 2019 (Scopus)
  8. **Antioxidant Supplement Improves the Pregnancy Rate in Patients Undergoing in Vitro Fertilization for Unexplained Infertility**  
ÖZDEMİR A. Z., AYAS B., GÜVEN D., BAKAY A., KARLI P.  
Open Journal of Obstetrics and Gynecology, vol.9, no.1, pp.1-9, 2019 (Peer-Reviewed Journal)
  9. **Tips and Tricks in Laparoscopic Surgery in Light of 172 Patients, From A Gynecological Point of View in Turkey**  
BAKAY A., AYTEKİN F., TUNÇKIRAN M. A.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.7, no.3, pp.321-326, 2016 (Scopus)
  10. **8500g of Uterus Torsion**  
BAKAY A.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.7, no.Suppl 1, 2016 (Peer-Reviewed Journal)
  11. **There is No Effect of Total Sperm Count on Pregnancy Rates in ICSI Cycles**  
Bakay A., Güven D., Batioglu A. S., Cakiroglu H., Ayas B.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.7, no.1, pp.94-96, 2016 (ESCI)
  12. **Progesterone Supplement and Luteal Phase Deficiency in Unifollicular Intrauterine Insemination Cycles**  
BAKAY A., Fatih A., Nilufer Y. C.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.6, no.6, pp.691-693, 2015 (Scopus)
  13. **Comparing Trans Obturator Tension Free Vaginal Tape Surgery with Needleless Suburethral Sling**  
BAKAY A., AYTEKİN F., ÇELİK N. Y.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.6, no.6, pp.688-690, 2015 (Scopus)
  14. **Kartagener Syndrome: A Rare Cause of Infertility**  
BAKAY A., GÜVEN D., KOÇAK İ.  
GYNECOLOGY OBSTETRICS & REPRODUCTIVE MEDICINE (GORM), vol.21, no.2, pp.102-103, 2015 (Peer-Reviewed Journal)
  15. **Antibiotic Prophylaxis in Second Trimester Amniocentesis: Is it Necessary?**  
BAKAY A., GÜVEN D., AYTEKİN F., ULUBAŞOĞLU H., DİZİLİ Ö.  
The Annals of Eurasian Medicine, vol.2, no.1, pp.1-3, 2014 (Peer-Reviewed Journal)
  16. **Effectiveness of Bemiparin Sodium for Preventing Pregnancy Loss in Patients with MTHFR C677T Mutation and Habitual Abortus**  
GÜVEN D., BAKAY A., KOÇAK İ., ÖZDEMİR A. Z.  
Open Journal of Obstetrics and Gynecology, vol.4, no.15, pp.930-934, 2014 (Peer-Reviewed Journal)
  17. **Comparison of Modified Biophysical Profile with Doppler Ultrasonographic Analysis in Determining Fetal well Being in the Third Trimester**  
BAKAY A., VAROLAN A., YAZGAN A., AKYOL A., DAVAS İ.  
GYNECOLOGY OBSTETRICS & REPRODUCTIVE MEDICINE (GORM), vol.19, no.2, pp.67-75, 2013 (Peer-Reviewed Journal)
  18. **A Review of Our Experience in Trans Obturator Tension Free Vaginal Tape Surgery in 16 Patients**  
BAKAY A., GÜVEN D.  
GYNECOLOGY OBSTETRICS & REPRODUCTIVE MEDICINE (GORM), vol.19, no.2, pp.100-102, 2013 (Peer-Reviewed Journal)
  19. **Endometrial Cancer - Evaluation of Diagnostics Treatment and Prognosis in 150 Patients**  
GÜVEN D., BAKAY A., KOÇAK İ., ÜSTÜN C.  
GYNECOLOGY OBSTETRICS & REPRODUCTIVE MEDICINE (GORM), vol.18, no.1, pp.21-25, 2012 (Peer-Reviewed Journal)
  20. **Hysteroscopic septum resection in patients with recurrent abortions and infertility**

- GÜVEN D., BAKAY A., KURUOĞLU S., ÖZDEMİR A. Z.  
Open Journal of Obstetrics and Gynecology, vol.2, no.03, pp.262-264, 2012 (Peer-Reviewed Journal)
21. **Local methotrexate treatment of cesarean scar ectopic pregnancy**  
GÜVEN D., BAKAY A., BATIOĞLU A. S.  
Open Journal of Obstetrics and Gynecology, vol.2, no.04, pp.329-330, 2012 (Peer-Reviewed Journal)
22. **Microperforate (Pinhole) hymen and infertility a rare case report**  
GÜVEN D., BAKAY A., KURUOĞLU S.  
Open Journal of Obstetrics and Gynecology, vol.2, no.03, pp.287-288, 2012 (Peer-Reviewed Journal)
23. **A review of HELLP syndrome, in 17 patients**  
GÜVEN D., BAKAY A., KOÇAK İ., ÜSTÜN C.  
Open Journal of Obstetrics and Gynecology, vol.2, no.03, pp.318-320, 2012 (Peer-Reviewed Journal)
24. **Fitz hugh curtis sendromu - Bir olgu sunumu**  
VAROLAN A., DAVAS İ., AKYOL A., YAZGAN A., BAKAY A., EZEN F., ÖZGÜL J.  
MEDICAL BULLETIN OF SISLI ETFAL HOSPITAL, vol.42, no.4, pp.13-15, 2008 (Peer-Reviewed Journal)
25. **İkizden ikize transfüzyon - Bir olgu sunumu**  
DAVAS İ., VAROLAN A., BAKAY A., AKYOL A., YAZGAN A.  
MEDICAL BULLETIN OF SISLI ETFAL HOSPITAL, vol.42, no.3, pp.20-22, 2008 (Peer-Reviewed Journal)

#### Refereed Congress / Symposium Publications in Proceedings

1. **Postmenopozal adneksial kitlelere yaklaşım**  
BAKAY A.  
Karadeniz Jinekoloji ve Obstetrik Kongresi, Samsun, Turkey, 4 - 07 April 2019
2. **Modified Bakay technique in laparoscopic hysterectomy**  
BAKAY A., KALKAN Ü.  
2. Minimal İnvaziv Jinekolojik Cerrahi Kongresi, İstanbul, Turkey, 13 - 16 February 2019
3. **Açıklanamayan İnfertilite Koenzim Q10 ve Omega 3 Kullanımının IVF Başarısına Etkisi**  
ÖZDEMİR A. Z., GÜVEN D., AYAS B., BAKAY A.  
Karadeniz Jinekoloji ve Obstetrik Kongresi, Samsun, Turkey, 12 - 15 April 2018
4. **Total laparoskopik histerektomi için zor vaka var mı?**  
BAKAY A.  
Karadeniz Jinekoloji ve Obstetrik Kongresi, Samsun, Turkey, 12 - 15 April 2018
5. **Gebelik ve gebelik sonrası vücut şekil değişiklikleri estetik cerrahiye yöneltiyormu ?**  
ULUBAŞOĞLU H., BAKAY A., GÜVEN D., AK S., YAĞMUR Ç.  
Karadeniz Jinekoloji ve Obstetrik Kongresi, Samsun, Turkey, 12 - 15 April 2018
6. **Laparoskopik Histerektomi Basamak/Basamak**  
BAKAY A.  
Laparoskopik cerrahi kursu, Kayseri, Turkey, 18 March 2018
7. **Farklı Laparoskopik Histerektomileri İzleyelim ve Tartışalım**  
BAKAY A.  
7. Jinekolojik Endoskopi Sempozyum ve Çalıştayı, Bursa, Turkey, 8 - 11 March 2018
8. **Arterial branch ligation before uterine artery division from internal iliac artery prior to laparoscopic hysterectomy**  
BAKAY A., BAŞBUĞ A., GÜVEN D., YAVUZCAN A., ULUBAŞOĞLU H.  
ESGE 26th Annual Congress, Antalya, Turkey, 18 - 21 October 2017
9. **A rare case of synchronous genital carcinoma involving endometrium and unilateral fallopian tube in a 24 years old patient**  
BAKAY A., DURA M. C., ÖNEM K., GÜVEN D.  
ESGE 26th Annual Congress, Antalya, Turkey, 18 - 21 October 2017
10. **Laparoscopic staging surgery for endometrial cancer in morbid obese patient**

BAKAY A., DURA M. C., Savcı G., GÜVEN D.

ESGE 26th Annual Congress, Antalya, Turkey, 18 - 21 October 2017

11. **Vaginal Progesterone Gel Versus Intramuscular Progesterone For Luteal Support In Supoptimal Responder Women Undergoing Antagonist IVF/ICSI Cycles**

ULUBAŞOĞLU H., BAKAY A., YAVUZCAN A., GÜVEN D.

19th World Congress on IVF, Antalya, Turkey, 4 - 08 October 2017

12. **Unilateral Seminal Vesicle Agenesis With V470m Heterozygous Variant and F508 Del Heterozygous Mutation: An Uncommon Cause of Azoospermia**

YAVUZCAN A., ÖZGÜVERCİN S., BAKAY A., GÜVEN D., AŞÇI R., KOÇAK İ.

19th World Congress on IVF, Antalya, Turkey, 4 - 08 October 2017

13. **ICSI Is a Successful Treatment for a Man with Oligozoospermia and Woman With Vaginismus**

BAKAY A., YAVUZCAN A., ÖZGÜVERCİN S., GÜVEN D., KOÇAK İ.

19th World Congress on IVF, Antalya, Turkey, 4 - 08 October 2017

14. **BORDERLINE OVER TÜMÖRÜNDE LAPAROSKOPİK EVRELEME CERRAHİSİ**

BAKAY A., ÖNEM K., ULUBAŞOĞLU H., GÜVEN D.

GEP 2017, Antalya, Turkey, 13 - 15 January 2017

15. **Büyük Uterusta Morselatör Ve Stapler Kullanmadan Laparoskopik Histerektomi: Ligasure® İle Oblitere Umbilikal Arter Proximalinden Sağlanan Hemostaz**

YAVUZCAN A., BAKAY A., ULUBAŞOĞLU H., BİLGE B., GÜVEN D.

GEP 2017, Antalya, Turkey, 13 - 15 January 2017

16. **Üç Port Uygulanması ile Gerçekleştirilen Laparoskopik Histerektomi ve Pelvik Lenfadenektomi**

BAKAY A., ULUBAŞOĞLU H., YAVUZCAN A., GÜVEN D.

GEP 2017, Antalya, Turkey, 13 - 15 January 2017

17. **Polyhydramnios and pregnancy complicated with Bartter's Syndrome: A case report**

ULUBAŞOĞLU H., BAKAY A., GÜVEN D.

XI. Türk Alman Jinekoloji Kongresi, Antalya, Turkey, 11 - 15 May 2016

## Courses

Hyperemesis gravidarum, Undergraduate, 2017 - 2018

İntrauterin enfeksiyonlar, Undergraduate, 2017 - 2018, 2016 - 2017

Infertility, Undergraduate, 2017 - 2018

Ektopik gebelik, Undergraduate, 2017 - 2018

Hiperemesis gravidarum, Undergraduate, 2017 - 2018

Uterus korusun benign hastalıkları, Undergraduate, 2017 - 2018

Normal travay izlemi, Undergraduate, 2017 - 2018, 2016 - 2017

Ovarian Physiology, Undergraduate, 2017 - 2018

Gebelikte fizyolojik değişiklikler, Undergraduate, 2017 - 2018, 2016 - 2017

Antenatal care, Undergraduate, 2017 - 2018

Kronik hastalıklar ve gebelik, Undergraduate, 2017 - 2018, 2016 - 2017

Obstetrik öykü ve leopold manevraları, Undergraduate, 2017 - 2018, 2016 - 2017

Ectopic pregnancy, Undergraduate, 2017 - 2018

Sexually transmitted infections and PID, Undergraduate, 2017 - 2018

Hirsutizm, Undergraduate, 2017 - 2018

Pregnancy and chronic diseases, Undergraduate, 2016 - 2017

Normal labor, Undergraduate, 2016 - 2017

Physiological changes in pregnancy, Undergraduate, 2016 - 2017

Obstetric history, Leopold maneuvers, Undergraduate, 2016 - 2017

Embriyonel ve fetal gelişimi etkileyen faktörler, Undergraduate, 2016 - 2017

Intrauterine infections, Undergraduate, 2016 - 2017

Factors affecting embryonic development and fetal growth, Undergraduate, 2016 - 2017

## Advising Theses

Bakay A., ERKEN EVRE ENDOMETRİUM KANSERİNDE AGRESİFHİSTOPATOLOJİDEKİ MYOMETRİAL İNVAZYON İLE NON-AGRESİF HİSTOPATOLOJİDEKİ LENFOVASKÜLER ALANİNVAZYONUN SAĞKALIM ÜZERİNE ETKİSİNİNKARŞILAŞTIRILMASI, Expertise In Medicine, Ş.AKBAY(Student), 2024

Bakay A., Klinik olarak erken evre over tümörlerinde rüptürü predikte eden faktörler, Expertise In Medicine, M.SARIKAYA(Student), 2022

## Patent

Abdülkadir B., Ölçenoğlu M. F., Onur Y., A NEW GENERATION UTERINE MYOMA RETRACTOR IN LAPAROSCOPIC MYOMECTOMY OPERATION, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2021/017093 , Standard Registration, 2022

Abdülkadir B., Yontar O., UTERUS MANIPULATOR IN MINIMALLY INVASIVE SURGERY, Patent, CHAPTER A Human Needs, The Invention Registration Number: US2023/0320752 A1 , Standard Registration, 2023, 2021, 2022

Abdülkadir B., NON-CONDUCTIVE TRANSPARENT SHEATH USED IN SURGICAL DISSECTION APPARATUS, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2019/122127 , Standard Registration, 2020, 2022

Ölçenoğlu M. F., Bakay A., YENİ NESİL BALON TAMPONAD, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2020/18876 , Standard Registration, 2020

Abdülkadir B., UTERUS MANIPULATION DEVICE, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2018/06807 , Standard Registration, 2019, 2021

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology, Surgery Medicine Sciences, Obstetrics and Gynecology, Biomedical Engineering, Engineering and Technology