

Prof. PERİHAN OYAR

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 50280

Education Information

Expertise In Medicine, Ankara University, Faculty Of Dentistry, Department Of Clinical Sciences, Turkey 1996 - 2002

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Protetik Diş Tedavisi (Dr), Turkey 1996 - 2002

Undergraduate, Ankara University, Faculty Of Dentistry, Turkey 1990 - 1995

Foreign Languages

English, A2 Elementary

Dissertations

Expertise In Medicine, Farklı diş preparasyonlarının, metal destekli ve tam seramik kronlarda stres dağılımına etkisinin sonlu elemanlar stres analiz (SESA) yöntemi ile incelenmesi, Ankara University, Faculty Of Dentistry, Department Of Clinical Sciences, 2002

Research Areas

Health Sciences, Dentistry, Clinical Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Sağlık Hizmetleri Meslek Yüksekokulu, Diş Protez, 2015 - Continues

Professor, Hacettepe University, Sağlık Hizmetleri Meslek Yüksekokulu, Diş Protez, 2022 - 2022

Assistant Professor, Hacettepe University, Diş Hekimliği Fakültesi, Diş Hekimliği Klinik Bilimler Bölümü, 2013 - 2015

Lecturer, Hacettepe University, Diş Hekimliği Fakültesi, Diş Hekimliği Klinik Bilimler Bölümü, 2005 - 2013

Academic and Administrative Experience

Assistant Director of Vocational School, Hacettepe University, Sağlık Hizmetleri Meslek Yüksekokulu, Diş Protez, 2018 - 2020

Jury Memberships

Doctorate, Doctorate, Afyon Kocatepe Üniversitesi, December, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of fatigue lifetime of new generation CAD/CAM crown materials on zirconia and titanium abutments in implant-supported crowns: a 3D finite element analysis**
DESTE GÖKAY G., Goekcimen G., OYAR P., Durkan R.
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, 2024 (SCI-Expanded)
- II. **Evaluation of rheological properties of soft lining materials with different composition under various temperatures**
Macit S. N., GÜRBÜZ A., OYAR P.
BMC ORAL HEALTH, no.1, 2024 (SCI-Expanded)
- III. **Effect of milling procedures in CAD-CAM systems on the color changes of CAD-CAM polymethyl methacrylate resin material as interim material**
OYAR P., Ulusoy M.
BMC ORAL HEALTH, no.1, 2024 (SCI-Expanded)
- IV. **Static and dynamic stress analysis of different crown materials on a titanium base abutment in an implant-supported single crown: a 3D finite element analysis**
DESTE GÖKAY G., OYAR P., Gokcimen G., Durkan R.
BMC ORAL HEALTH, no.1, 2024 (SCI-Expanded)
- V. **Impact of various aging treatments on the microhardness and surface roughness of CAD-CAM monolithic restorative materials**
DESTE GÖKAY G., OYAR P., Durkan R.
JOURNAL OF PROSTHODONTICS-IMPLANT ESTHETIC AND RECONSTRUCTIVE DENTISTRY, 2024 (SCI-Expanded)
- VI. **The effects of heating rate and sintering time on the biaxial flexural strength of monolithic zirconia ceramics**
OYAR P., Durkan R.
Biomedizinische Technik, vol.68, no.4, pp.437-443, 2023 (SCI-Expanded)
- VII. **The effect of different abutment and restorative crown materials on stress distribution in single-unit implant-supported restorations: A 3D finite element stress analysis**
Gökçimen G., Durkan R., DESTE GÖKAY G., OYAR P.
Journal of Prosthodontics, 2023 (SCI-Expanded)
- VIII. **Effects of repeated use of tungsten carbide burs on the surface roughness and contact angles of a CAD-CAM PMMA denture base resin**
OYAR P., Ulusoy M., Durkan R.
Journal of Prosthetic Dentistry, vol.128, no.6, pp.1358-1362, 2022 (SCI-Expanded)
- IX. **Mechanical response of different frameworks for maxillary all-on-four implant-supported fixed dental prosthesis: 3D finite element analysis**
Guclu Z. B., GÜRBÜZ A., DESTE GÖKAY G., Durkan R., OYAR P.
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.67, no.5, pp.419-428, 2022 (SCI-Expanded)
- X. **Comparison of the effect of different metal alloys on the esthetic appearance of dentin porcelain**
DESTE GÖKAY G., Durkan R., OYAR P., Gokcimen G.
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.23, no.1, pp.16-21, 2022 (SCI-Expanded)
- XI. **Effects of sintering time and hydrothermal aging on the mechanical properties of monolithic zirconia ceramic systems.**
Oyar P., Durkan R., Deste G.
The Journal of prosthetic dentistry, vol.126, pp.688-691, 2021 (SCI-Expanded)
- XII. **The effect of the design of a mandibular implant-supported zirconia prosthesis on stress**

distribution.

Oyar P., Durkan R., Deste G.

The Journal of prosthetic dentistry, vol.125, 2021 (SCI-Expanded)

- XIII. **Effects of Cantilever Length and Implant Inclination on the Stress Distribution of Mandibular Prosthetic Restorations Constructed from Monolithic Zirconia Ceramic**
Durkan R., OYAR P., Deste G.
INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, vol.35, no.1, pp.121-129, 2020 (SCI-Expanded)
- XIV. **Maxillary and mandibular all-on-four implant designs: A review**
Durkan R., OYAR P., Deste G.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.22, no.8, pp.1033-1040, 2019 (SCI-Expanded)
- XV. **Effect of Green Gold Nanoparticles Synthesized with Plant on the Flexural Strength of Heat-polymerized Acrylic Resin**
OYAR P., Sana F. A., Nasser B., Durkan R.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.21, no.10, pp.1291-1295, 2018 (SCI-Expanded)
- XVI. **Comparison of Mechanical and Dynamic Mechanical Behaviors of Different Dental Resins Polymerized by Different Polymerization Techniques**
Durkan R., OYAR P.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.21, no.9, pp.1144-1149, 2018 (SCI-Expanded)
- XVII. **Effect of Cavity Design on the Fracture Resistance of Zirconia Onlay Ceramics**
OYAR P., Durkan R.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.21, no.6, pp.687-691, 2018 (SCI-Expanded)
- XVIII. **Comparison of mechanical properties of heat-polymerized acrylic resin with silver nanoparticles added at different concentrations and sizes**
OYAR P., Sana F. A., Durkan R.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, no.6, 2018 (SCI-Expanded)
- XIX. **Laser Sintering Technology and Balling Phenomenon**
OYAR P.
PHOTOMEDICINE AND LASER SURGERY, vol.36, no.2, pp.72-77, 2018 (SCI-Expanded)
- XX. **FINITE ELEMENT ANALYSIS OF STRESS DISTRIBUTION IN CERAMIC CROWNS FABRICATED WITH DIFFERENT TOOTH PREPARATION DESIGNS**
OYAR P., Ulusoy M., Eskitascoglu G.
JOURNAL OF PROSTHETIC DENTISTRY, vol.112, no.4, pp.871-877, 2014 (SCI-Expanded)
- XXI. **EFFECTS OF POST CORE MATERIALS ON STRESS DISTRIBUTION IN THE RESTORATION OF MANDIBULAR SECOND PREMOLARS: A FINITE ELEMENT ANALYSIS**
Durmus G., OYAR P.
JOURNAL OF PROSTHETIC DENTISTRY, vol.112, no.3, pp.547-554, 2014 (SCI-Expanded)
- XXII. **THE EFFECTS OF POST-CORE AND CROWN MATERIAL AND LUTING AGENTS ON STRESS DISTRIBUTION IN TOOTH RESTORATIONS**
Oyar P.
JOURNAL OF PROSTHETIC DENTISTRY, vol.112, no.2, pp.211-219, 2014 (SCI-Expanded)
- XXIII. **EFFECTS OF ENVIRONMENT ON THE RELEASE OF NI, CR, FE, AND CO FROM NEW AND RECAST NI-CR ALLOY**
OYAR P., Can G., Atakol O.
JOURNAL OF PROSTHETIC DENTISTRY, vol.112, no.1, pp.64-69, 2014 (SCI-Expanded)
- XXIV. **Finite element analysis of stress distribution on modified retentive tips of bar clasp**
OYAR P., Soyarslan C., Can G., Demirci E.
COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING, vol.15, no.6, pp.609-613, 2012 (SCI-Expanded)
- XXV. **Finite element analysis of stress distribution of 2 different tooth preparation designs in porcelain-fused-to-metal crowns**

Articles Published in Other Journals

- I. **Knowledge, attitudes and practices related to tooth morphology among dental students and dental technician students**
Gökay G. D., Oyar P.
Cumhuriyet Dental Journal , vol.27, no.3, pp.166-172, 2024 (Scopus)
- II. **Color Stability of Conventional PMMA, Modified MMA and Polyamide Denture Base Materials in Different Beverages**
Agan H., DESTE GÖKAY G., OYAR P., Durkan R., GÜRBÜZ A.
MEANDROS MEDICAL AND DENTAL JOURNAL, vol.24, no.3, pp.198-203, 2023 (ESCI)
- III. **Evaluation of the Effect of Brushing on Vickers Microhardness of Acrylic Denture Base Resins Polymerized by Different Techniques Farklı Tekniklerle Polimerize Edilen Akrilik Protez Kaide Rezinlerinin Vickers Mikrosertliğine Fırçalamanın Etkisinin Değerlendirilmesi**
Gökçimen G., Gökay G. D., OYAR P., Durkan R., Rona N.
Cumhuriyet Dental Journal, vol.26, no.3, pp.255-260, 2023 (Scopus)
- IV. **A Bibliometric Analysis of the Most Cited Articles Published in the Cumhuriyet Dental Journal# Cumhuriyet Dental Journal'da Yayımlanan ve En Çok Atıf Alan Makalelerin Bibliyometrik Analizi#**
Gökay G. D., OYAR P., Durkan R.
Cumhuriyet Dental Journal, vol.25, pp.66-71, 2022 (Scopus)
- V. **THE EFFECT OF AUTOCLAVE POLYMERIZATION ON THE TENSILE STRENGTH OF VARIOUS DENTURE BASE MATERIALS**
DESTE GÖKAY G., DURKAN R., OYAR P.
cumhuriyet dental journal, vol.23, pp.364-370, 2020 (Scopus)
- VI. **Evaluation of the Transverse Strength and Elastic Modulus of High Impact Denture Base Material**
DESTE GÖKAY G., DURKAN R., OYAR P.
Journal of Dental Materials and Techniques, 2020 (Peer-Reviewed Journal)
- VII. **THE EFFECT OF AUTOCLAVE AND HEAT POLYMERIZATION TECHNIQUES OF INTERNAL ADAPTATION OF ACRYLIC RESINS**
DESTE GÖKAY G., DURKAN R., OYAR P., GÜRBÜZ A.
atatürk üniversitesi diş hekimliği fakültesi dergisi, 2020 (Peer-Reviewed Journal)
- VIII. **YETİŞKİN BİREYLERDE YAŞ VE CİNSİYET İLE İLİŞKİLİ DİŞ KAYBI VE PARSİYEL DİŞSİZLİK"**
OYAR P., ÖZTÜRK C., CAN G., ALTINCI P., ERSEL D.
Turkish journal of clinics and laboratory, vol.10, no.2, pp.156-162, 2019 (Peer-Reviewed Journal)
- IX. **The impact of platform-switched implants on the marginal bone level and soft tissue dimensions**
Durkan R., OYAR P., Deste G.
Cumhuriyet Dental Journal, vol.22, no.2, pp.198-210, 2019 (Scopus)
- X. **Zirkonya Dental İmplantlar: Klinik Parametreler, Yapısal Özellikler, Güncel Sistemle**
DESTE G., DURKAN R., OYAR P.
Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.29, no.3, pp.526-533, 2019 (Peer-Reviewed Journal)
- XI. **Tam ark implant destekli monolitik zirkonya sabit dental protezler Literatür derlemesi**
DURKAN R., DESTE G., OYAR P.
Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.29, no.1, pp.160-167, 2019 (Peer-Reviewed Journal)
- XII. **All-On-Four Concept in Implant Dentistry: A Literature Review**
DURKAN R., OYAR P.
J Dent Oral Care Med, vol.3, no.2, pp.205, 2017 (Peer-Reviewed Journal)
- XIII. **Temporomandibular Eklem Tamir Ve Rejenerasyonunda Doku Mühendisliği Uygulamaları**
OYAR P.

- Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, pp.189-198, 2016 (Peer-Reviewed Journal)
- XIV. **Diş hekimliğinde düşük yoğunluklu kesikli ultrason kullanımının yeni kemik oluşumu ve osseointegrasyon üzerine etkileri**
OYAR P.
atatürk üniversitesi diş hekimliği dergisi, pp.115-122, 2016 (Peer-Reviewed Journal)
- XV. **Osseointegrasyon ve Kemik Rejenerasyonunda Kemik Doku Mühendisliğinin Yeri**
OYAR P.
atatürk üniversitesi diş hekimliği fakültesi dergisi, pp.87-95, 2016 (Peer-Reviewed Journal)
- XVI. **Diş Hekimliğinde Kitin Ve Kitozan**
OYAR P.
atatürk üniversitesi diş hekimliği fakültesi dergisi, vol.26, no.1, pp.197-202, 2016 (Peer-Reviewed Journal)
- XVII. **Dental Kök Hücre Kaynakları Ve Kemik Doku Rejenerasyonunda Kullanılma Potansiyelleri**
OYAR P.
atatürk üniversitesi diş hekimliği fakültesi dergisi, pp.96-101, 2016 (Peer-Reviewed Journal)
- XVIII. **titanyum ve özellikleri**
OYAR P.
Atatürk Üniv. Diş Hek. Fak. Derg., pp.151-159, 2015 (Peer-Reviewed Journal)
- XIX. **diş hekimliğinde nanopartiküllerin kullanım alanları**
OYAR P.
atatürk üniversitesi diş hekimliği fakültesi dergisi, pp.49-55, 2014 (Peer-Reviewed Journal)
- XX. **SABİT VE HAREKETLİ PROTEZİN YENİDEN YAPIMI İLE ESTETİK VE FONKSİYONUN İYİLEŞTİRİLMESİ: OLGU SUNUMU**
OYAR P.
Atatürk Üniv. Diş Hek. Fak. Derg. vol.24, no.1, pp.108-112, 2014 (Peer-Reviewed Journal)
- XXI. **The effects of disinfectant solutions on the viscoelastic properties of acrylic resins**
OYAR P., Can G.
Cumhuriyet Dental Journal, vol.17, no.3, pp.205-214, 2014 (Scopus)

Books & Book Chapters

- I. **olgu sunumları**
Uzun G., Çelebi Beriat N., Oyar P., Şahin C.
in: ağız ve diş sağlığı teknikerleri için dört elli diş hekimliği, gülay uzun, Editor, güneş tıp kitapçevleri, Ankara, pp.593-600, 2016
- II. **ağız diş sağlığı teknikerliğinde dental terimler**
Şahin C., Oyar P.
in: ağız ve diş sağlığı teknikerleri için dört elli diş hekimliği, gülay uzun, Editor, güneş tıp kitapçevleri, Ankara, pp.13-35, 2016
- III. **Oyar P.**
in: ağız ve diş teknikerliği için dört elli diş hekimliği, gülay uzun, Editor, güneş tıp kitapçevleri, Ankara, pp.351-360, 2016
- IV. **olgu sunumları**
UZUN G., ÇELEBİ BERİAT N., OYAR P., ŞAHİN C.
in: ağız ve diş sağlığı teknikerleri için dört elli diş hekimliği, gülay uzun, Editor, güneş tıp kitabevleri, Ankara, pp.593-600, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **ANALYSIS OF EFFECTS OF DIFFERENT SINTERING PROCEDURES ON BI-AXIAL FLEXURAL STRENGTH**

IN MONOBLOCK ZIRCONIA SYSTEMS

DESTE G., DURKAN R., OYAR P.

Joint Meeting with the 43rd Annual Conference of the European Prosthodontic Association, 4 - 07 September 2019

- II. **stres dağılımında zirkonya seramik protetik restorasyonların etkisi**
DESTE G., OYAR P., DURKAN R.
TDB 24. ULUSLARARASI DİŞHEKİMLİĞİ KONGRESİ, 27 - 30 September 2018
- III. **Protetik Diş Tedavisinde Laser Uygulamaları**
DURKAN R., DESTE G., OYAR P.
23. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 9 - 12 November 2017
- IV. **Maksiller All-on-four Tedavi Sistemi: Derleme.**
DURKAN R., DESTE G., ÖZKIR S. E., OYAR P.
23. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 9 - 12 November 2017
- V. **Mandibular All-on-four İmplantüstü Protezlerde Farklı Yüklemelemlerde Biyomekanik analizler.**
DURKAN R., DESTE G., OYAR P.
23. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 9 - 12 November 2017
- VI. **Mandibular All-on-four İmplant Tasarımlarında Stress Dağılımının İncelenmesi**
DURKAN R., DESTE G., OYAR P.
23. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 9 - 12 November 2017
- VII. **Konuşma bozukluklarında total protezlerin etkisi. Türk dişhekimleri birliği**
DURKAN R., OYAR P., DESTE G., ÖZKIR S. E.
Türk dişhekimleri birliği 23. Uluslararası dişhekimliği kongresi, 21 - 24 September 2017
- VIII. **Kısaltılmış dental ark konsepti.**
OYAR P., DESTE G., DURKAN R., ÖZKIR S. E.
Türk dişhekimleri birliği 23. Uluslararası dişhekimliği kongresi, 21 - 24 September 2017
- IX. **Mandibular all-on four implant tasarımlarına ait farklı modellerde biyomekanik incelemeler.**
DESTE G., DURKAN R., OYAR P., ÖZKIR S. E.
Türk dişhekimleri birliği 23. Uluslararası dişhekimliği kongresi, 21 - 24 September 2017
- X. **Color stability of heat-polymerized acrylic resins with incorporated Ag nanoparticles**
OYAR P., ASGHARI SANA F., ÖZYEMİŞCI N., DURKAN R., ÖZTÜRK C.
International conferences on dentistry and oral health, 14 - 16 September 2017
- XI. **diş teknikerliğinde meslek hastalıkları ve korunma yöntemleri**
OYAR P.
Mesleki Gelişim Sempozyumu-3-Koruyucu Sağlık Hizmetleri, Turkey, 02 May 2017
- XII. **All on four immediate function protocal 4 implant full arch fixed prosthesis recent developments**
DURKAN R., DESTE G., OYAR P.
International Oral Research Association (ORAD) 1. International Scientific Congress, 18 - 20 November 2016
- XIII. **Platform Switching Concept in Implant Dentistry**
DESTE G., DURKAN R., OYAR P.
International Oral Research Association (ORAD) 1. International Scientific Congress, 18 - 20 November 2016
- XIV. **the effect of silver nanoparticles AgNps on the flexural strength of polymethyl metacrylate acrylic resin**
OYAR P., DURKAN R., BOZKIRLI E., SANA F. A.
47 th meeting of continental european division of the international association for dental research (CED-IADR), 15 - 17 October 2015
- XV. **diş kaybı ve dişsizlik insidansı üzerinde cinsiyet ve yaşın etkisi**
OYAR P., ÖZTÜRK C., CAN G., PINAR A.
22. Uluslararası türk prostodonti derneği bilimsel kongresi, Antalya, Turkey, 12 - 15 November 2015
- XVI. **farklı onley parsiyel kron preparasyonlarının standart zirkonya alt yapıların kırılma direncine etkisinin in vitro olarak değerlendirilmesi**
OYAR P., DURKAN R., GÜRBÜZ A., BAĞIŞ B., KORKMAZ F. M., ŞİMŞEK H.
22. uluslararası türk prostodonti ve implantoloji derneği bilimsel kongresi, Antalya, Turkey, 12 - 15 November

Activities in Scientific Journals

Türkiye Klinikleri Dii Hekimliği Bilimleri Dergisi, Publication Committee Member, 2017 - Continues
EC Dental science, Publication Committee Member, 2016 - Continues
dental research and management, Publication Committee Member, 2016 - Continues
J.DENT. ORAL DİSORDERS, Publication Committee Member, 2016 - Continues
journal of dental applications, Committee Member, 2015 - Continues

Scientific Refereeing

INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, SCI Journal, May 2020
ATATÜRK ÜNİVERSİTESİ DIŞ HEKİMLİĞİ FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, January 2020
ATATÜRK ÜNİVERSİTESİ DIŞ HEKİMLİĞİ FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, January 2019
ATATÜRK ÜNİVERSİTESİ DIŞ HEKİMLİĞİ FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, January 2018
journal of oral health and oral sciences, Other journals, January 2018
journal of dental applications, Other journals, January 2017
PHOTOBİOMODULATION PHOTOMEDICINE AND LASER SURGERY, Journal Indexed in SCI-E, January 2017
Cumhuriyet Dental Journal, National Scientific Refreed Journal, January 2017
dentistry-oral health cosmesis, Other journals, January 2017
journal of dentistry-oral disorders, Other journals, January 2017
dental reseach and management, Other journals, January 2017
ATATÜRK ÜNİVERSİTESİ DIŞ HEKİMLİĞİ FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, January 2017
todentj, Other journals, January 2017
international journalof dentistry and oral health, Other journals, January 2016
journal of dentistry-oral disorders, Other journals, January 2016
JSM Dentistry, Other journals, January 2016
CUMHURİYET DENTAL JOURNAL, National Scientific Refreed Journal, January 2016
Dental Materials Journal, Journal Indexed in SCI-E, January 2016
ATATÜRK ÜNİVERSİTESİ DIŞ HEKİMLİĞİ FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, January 2016
journal of dental applications, Other journals, January 2016
PHOTOBİOMODULATION PHOTOMEDICINE AND LASER SURGERY, Journal Indexed in SCI-E, January 2016
dental reseach and management, Other journals, January 2015
ATATÜRK ÜNİVERSİTESİ DIŞ HEKİMLİĞİ FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, January 2015
journal of dental applications, Other journals, January 2015
journal of dentistry-oral disorders, Other journals, January 2015
journal of dental applications, Other journals, December 2014
JOURNAL OF APPLIED ORAL SCIENCE, Journal Indexed in SCI-E, January 2014

Metrics

Publication: 69
Citation (WoS): 52
Citation (Scopus): 76
H-Index (WoS): 5
H-Index (Scopus): 5

Non Academic Experience

hacettepe üniversitesi sađlık hizmetleri meslek yüksek okulu