

## CURRICULUM VITAE



**Name and Surname:** Serdar AKALIN

**Date of birth:** 01,09,1964

**Place of birth:** Ankara

**Academic Title:** Prof. Dr.

**Business Phone:** 0541 326 09 04

**Business Address:** Antalya Bilim University, Serdar Akalin Private Clinic (drserdarakalin.com)

**Email:** [profdrserdarakalin@gmail.com](mailto:profdrserdarakalin@gmail.com)

**Foreign Languages:** English

**Area of Expertise:** Orthopedics and Traumatology

Degree	Department/Program	University	Year
Licence	Medicine	Ankara University	1988
Master of Science	Orthopedics and Traumatology	Dışkapı Education and Research Hospital	1994
Assoc.	Orthopedics and Traumatology	Ankara University	1999
Prof.	Orthopedics and Traumatology	Antalya Bilim University	2021

**Title of Doctoral Thesis/Qualification Study/Specialty Thesis in Medicine (summary attached) and Advisor(s):**

METHODS OF BONE BANKING AND CLINICAL OUTCOMES

**Advisor and Clinical Chief:** Assoc. Prof. Dr. Ethem Faruk Mumcu, 1994

**Tasks:**

<b>Mission Title</b>	<b>Position</b>	<b>Year</b>
General Practitioner	Mus State Hospital, Mus	1988-1989
Resident Physician	Ankara Dışkapı Yıldırım Beyazıt Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	1990-1994
Military	Merzifon Air Hospital (Short-term Private Physician)	1994
Specialist Physician	Ankara Dışkapı Yıldırım Beyazıt Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	1994-1999
Associate professor	Ankara Dışkapı Yıldırım Beyazıt Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	1999-2008
Clinic Chief (Founding Chief)	Antalya Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	2008-2012
Clinical Education and Administration Officer	Antalya Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	2012-2016
Clinical Education Officer and Administrative Officer	Antalya Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	2016-2021
Professor	Antalya Science University	2021-present

**Supervised Master's Theses:**

OUR RESULTS OF BALLOON KYPHOPLASTY IN THE TREATMENT OF OSTEOPOROTIC VERTEBRAL COMPRESSION FRACTURES

**Dr. FUAT ERZEN, Doç. Dr. Serdar AKALIN 2004**

EARLY OUTCOMES OF ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION USING THE APERFIX SYSTEM

**Dr. Hasan Onur ARIK, Doç. Dr. Ali Bülent Baz, Doç. Dr. Serdar AKALIN**

MID-TERM OUTCOMES OF POSTERIOR STABILIZED TOTAL KNEE ARTHROPLASTY IN SEVERE OSTEOARTHRITIS

**Dr. Ömer Faruk KILIÇASLAN, Doç. Dr. Serdar AKALIN 2014**

CORRECTION OUTCOMES WITH POSTERIOR SEGMENTAL INSTRUMENTATION IN PATIENTS WITH IDIOPATHIC SCOLIOSIS

**Dr. Boğaçhan TOKATMAN, Doç. Dr. Serdar AKALIN 2016**

SHORT AND MIDTERM RESULTS OF OUR CEMENTLESS AND CERAMIC SURFACE TOTAL HIP PROSTHESIS APPLICATIONS IN PATIENTS WITH PRIMARY AND SECONDARY HIPS OSTEOARTHRITIS

**Dr. Ahmet İNCE, Doç Dr. Serdar AKALIN 2017**

THE CLINICAL AND FUNCTIONAL RESULTS OF PATIENTS WITH DYNAMIC AND RIGID ROD STABILIZATION IN DECOMPRESSİVE SURGICAL TREATMENT OF DEENERATIVE LUMBER SPINAL STENOSIS

**Dr. Osman Polat, Doç. Dr. Serdar Akalın 2018**

**Administrative Positions**

<b>Mission Title</b>	<b>Position</b>	<b>Year</b>
Clinic Chief (Founding Chief)	Antalya Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	2008-2012
Clinical Education and Administration Officer	Antalya Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	2012-2016
Clinical Education Officer and Administrative Officer	Antalya Education and Research Hospital, 1st Orthopedics and Traumatology Clinic	2016-2021

**Memberships in Scientific Organizations:**

1. National Turkish Orthopedics and Traumatology Association (TOTBİD)
2. Turkish Orthopedics and Traumatology Association (TOTD)
3. Turkish Spinal Surgery Association (TSSA)
4. World Society of Orthopaedics and Traumatology (SICOT)
5. European Federation of Orthopaedic and Traumatology Societies (EFORT)
6. Turkish Sports Injuries Arthroscopy and Knee Surgery Association
7. AO Türkiye Association (AODER) Founding Member
8. AO Spine Türkiye – Founding Member

## 9. Turkish Orthopedics and Traumatology Education Council

### Awards:

1999 Akif Şakir Şakar **FIRST PRIZE Award** in Scientific Study Category

2000 Akif Şakir Şakar **SECOND PRIZE Award** in Scientific Study Category

2003 Akif Şakir Şakar **FIRST PRIZE Award** in Scientific Study Category

**Undergraduate and graduate level courses given in the last two years** (if opened, Summer The courses given in the semester will also be added to the table) :

Academic year	Period	Course Name	Weekly Hours		Number of Students
			Theory	Practical	
2023-2024	Fall	Orthopedics	2		58
		Thesis II			3
	Spring	Thesis II			3

Academic year	Period	Course Name	Weekly Hours		Number of Students
			Theory	Practical	
2022-2023	Fall	Orthopedics	2		58
		Thesis II			3
	Spring	Thesis II			3

### Publications

**A. Articles published in internationally refereed journals (SCI,SSCI,Arts and Humanities)**

**A1.** BENLİ İ.T., AKALIN S., BOYSAN E., MUMCU E.F., KIŞ M., TÜRKÖĞLU D., Epidemiological, clinical and radiological aspects of osteopoikilosis. JOURNAL OF BONE AND JOINT SURGERY (British Volume) 74 (4) : 504-506, 1992.

**A2.** BENLİ İ.T., AKALIN S., MUMCU E.F., ÇITAK M., KILIÇ M., PAŞAOĞLU E. The computed tomographic evaluation of patella femoral joint in patellar fractures treated with open reduction and internal fixation. KOBE JOURNAL OF MEDICAL SCIENCES 38 (4):233-244, 1992.

**A3.** BENLİ İ.T., TANDOĞAN N.R., KIŞ M., TÜZÜNER M., MUMCU E.F., AKALIN S., ÇITAK M. Cotrel-Dubousset Instrumentation in the treatment of unstable thoracic and lumbar spine fractures. ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY 113 (2):86-92, 1994.

**A4.** AKALIN S., KIŞ M., BENLİ İ.T., MUMCU E.F., TÜZÜNER M. Results of the AO spinal internal fixator in the surgical treatment of thoracolumbar fractures. EUROPEAN SPINE JOURNAL 3 (2): 102-106, 1994.

**A5.** BENLİ İ.T., TÜZÜNER M., AKALIN S., KIŞ M., ÇITAK M., TANDOĞAN R. Spinal imbalance and decompensation problems in patients treated with Cotrel-Dubousset Instrumentation. EUROPEAN SPINE JOURNAL 5 (6): 380-386, 1996.

**A6.** BENLİ İ.T., AKALIN S., DUMAN E., ÇITAK M., KIŞ M. The results of intraoperative autotransfusion in the major orthopaedic surgery. BULLETIN. HOSPITAL FOR JOINT DISEASE. 58 (4) : 184-187, 1999.

**A7.** BENLİ İ.T., AKALIN S., KIŞ M., ÇITAK M., KURTULUŞ B., DUMAN E. The results of anterior fusion and Cotrel- Dubousset-Hopf instrumentation in idiopathic scoliosis. EUROPEAN SPINE JOURNAL 9 (6): 505-515, 2000.

**A8.** BENLİ İ.T., KIŞ M., AKALIN S., ÇITAK M., KANEVETCİ S., DUMAN E. The results of anterior radical debridement and anterior instrumentation in Pott's disease and comparison with other surgical techniques. KOBE JOURNAL OF MEDICAL SCIENCES 46 (1-2) : 39-68, 2000.

**A9.** BENLİ İ.T., AKALIN S., AYDIN E., BAZ A., ÇITAK M., KIŞ M., DUMAN E. Isola spinal instrumentation system for idiopathic scoliosis. ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY 121 (1/2): 17-25, 2001.

**A10.** BENLİ İ.T., AKALIN S., KIŞ M., ÇITAK M., AYDIN E., DUMAN E. Frontal and sagittal balance analysis of late onset idiopathic scoliosis treated with third generation instrumentation. KOBE JOURNAL OF MEDICAL SCIENCES 47: 231-253, 2001.

**A11.** BENLİ İ.T., ACAROĞLU E., AKALIN S., KIŞ M., DUMAN E., ÜN A. Anterior radical debridement and anterior instrumentation in tuberculosis spondylitis. EUROPEAN SPINE JOURNAL 12 (2): 224-234, 2003.

**A12.** BENLİ İ. T., BÜYÜKGÜLLÜ O., ALTUĞ T., AKALIN S., ATEŞ B., KURTULUŞ B. Augmentation of third generation instrumentation with sublaminar titanium wiring in late onset idiopathic scoliosis. The Surgical Results and Analysis of Trunk Balance. KOBE JOURNAL OF MEDICAL SCIENCES, 50 (3): 83-100, 2004.

**A13.** BENLİ İ.T., ALANAY A., AKALIN S., KIŞ M., ACAROĞLU E., ATEŞ B., AYDIN E. Comparison of anterior instrumentation systems and the results of minimum 5 years followup in the treatment of tuberculosis spondylitis. KOBE JOURNAL OF MEDICAL SCIENCES, 50 (6): 167-180, 2004.

**A14.** BENLİ İ.T., KAYA A, URUÇ V., AKALIN S.. Minimum 5 year Follow up of Post Traumatic Thoracic and Lumbar Kyphosis treated with anterior Instrumentation- Comparison of Anterior plate and Dual rod Systems. SPINE Volume 32, N 9, 986-994, 2007.

**A15.** (BAŞLICA ARAŞTIRMA ESERİDİR) BENLİ İ.T, ATEŞ B., AKALIN S., ÇITAK M., KAYA A., ALANAY A.. Minimum 10 years follow up of surgical results of Adolescent Idiopathic Scoliosis Patients Treated with TSRH Instrumentatiın. EUROPIAN SPINE JOURNAL 16 (3): 381-391, 2007.

**A16.** KOSE O, GULER F, BAZ AB, AKALIN S, TURAN A.Management of a wild boar wound: a case report. Wilderness Environ Med. 2011;22(3): 242-5.

**A17.** GULER F, BAZ AB, TURAN A, KOSE O, AKALIN S. Isolated medial cuneiform fractures: report of two cases and review of the literature. Foot Ankle Spec. 2011;4(5):306-9.

**A18.** GULER F, BAZ AB, KOSE O, CİCEK EI, AKALİN S. Delayed diagnosis of rupture of brachial artery due to closed posterior elbow dislocation. Hong Kong Journal of Emergency Medicine 2011;18(2):112-15.

**A19.** BAZ A, AKALIN S, ARIK H, ERGUN A. Unilateral chronic dislocation of patella in Morquio syndrome. Surgical treatment with proximal realignment. Acta Orthopaedica Traumatologica Turcica. Acta Orthop Traumatol Turc 2011;45(6):466-469

**A20.** ALİ BULENT BAZ VOLKAN SENOL SERDAR AKALİN OZKAN KOSE FERHAT GULER ADİL TURAN. Treatment of high hip dislocation with a cementless stem combined with a shortening osteotomy. Arch Orthop Trauma Surg (2012) 132:1481–1486 DOI 10.1007/s00402-012-1560-1

**A21.** OZKAN KOSE MUSTAFA CELİKTAS FERHAT GULER ALİ BULENT BAZ EMRE TOGRUL SERDARAKALIN. Inter- and intraobserver reliability of the Crowe and Hartofilakidis classifications in the assessment of developmental dysplasia of the hip in adult patients. Arch Orthop Trauma Surg (2012) 132:1625–1630 DOI 10.1007/s00402-012-1600

**A22.** OZKAN KOSE, MD, FEBOT, FERHAT GULER, SERKAN GURCAN, HASAN ONUR ARIK, ALİ BULENT BAZ, AND SERDAR AKALİN, MD. Cosmetic Results of Wedge Resection of Nail Matrix (Winograd Technique) in the Treatment of Ingrown Toenail. Foot Ankle Spec 2012 5: 241 originally published online 30 April 2012 DOI: 10.1177/1938640012444729

**A23.** A TURAN, O KOSE, HO ARIK, F GULER, B TOKATMAN, S AKALİN Blinded cyst wall rupture of the flexor tendon sheath ganglions: an effective and simple treatment MINERVA ORTOPEDICA E TRAUMATOLOGICA Volume 64 Issue 2 Pages 115-120 Publication date 2013/4/1.

**A24.** GULER F, KOSE O, TURAN A, BAZ AB, AKALIN S The prevalence of functional absence of flexor digitorum superficialis to the little finger: a study in a Turkish population J Plast Surg Hand Surg. 2013 Jun;47(3):224-7. doi: 10.3109/2000656X.2012.742019. Epub 2013 Apr 26.

**A25.** GULER F, KOSE O, EROL B, TURAN A, KORUGLU M, AKALİN S The prevalence of knee injuries ipsilateral to tibial shaft fractures and their impact on clinical outcome. Eur J

Orthop Surg Traumatol. 2015 Jan;25(1):141-8. doi: 10.1007/s00590-014-1465-5. Epub 2014 Apr 24.

**A26.** ALI BÜLENT BAZ, SERDAR AKALIN, ÖMER FARUK KILIÇASLAN , BOĞAÇHAN TOKATMAN , HASAN ARIK , FATİH DUYGUN. Efficiency of Balloon Kyphoplasty in the Treatment of Osteoporotic Vertebral Compression Fractures. Kobe J. Med. Sci., 2016 Vol. 62, No. 3, pp. E49-E54,

**A27.** Serdar Akalin, Ali Bülent Baz, Ömer Faruk Kiliçaslan, Boğaçhan Tokatman, Hasan Arik, Emrah Ercan The Early Results of the Reconstruction of Chronic Anterior Cruciate Ligament Deficiency with Single Tunnel-Dual-Bundle Technique and Quadruple Hamstring Autograft Pages 22-29 DOI: <http://dx.doi.org/10.12974/2313-0954.2016.03.01.4>.

**B. Assertions presented in international scientific congresses and published in the proceedings**

**B1.** KIŞ M., BENLİ İ.T., ÇITAK M., AKALIN S. Preliminary report of Texas Scottish Rite Hospital (TSRH) system in the treatment of idiopathic scoliosis. SICOT'93, 19th WORLD CONGRESS, Seoul, Kore, 28 Ağustos- 3 Eylül 1993 (Sözel sunum).

**B2.** MUMCU E.F., PESTİLCİ F., BENLİ İ.T., MIZRAK B., AKALIN S. The results of fine needle aspiration biopsy. SICOT'93, 19th WORLD CONGRESS, Seoul, Kore, 28 Ağustos- 3 Eylül, 1993 (Poster).

**B3.** BENLİ İ.T., AKALIN S., TÜZÜNER M.M., TANDOĞAN R., ÇITAK M., MUMCU E.F. Three dimensional analysis of idiopathic scoliosis treated with Cotrel-Dubousset Instrumentation. GICD 1993, INTERNATIONAL CONGRESS ON COTREL – DUBOUSSET INSTRUMENTATION, Seoul, Kore, 4-5 Eylül, 1993 (Sözel sunum) (Bu bildiri GICD'93, Sauramps Medical, Montpellier, pp: 26-35, 1994, kongre kitabında yayımlanmıştır).

**B4.** BENLİ İ.T., ÇITAK M., TANDOĞAN R.N., AKALIN S., TÜZÜNER M.M., KIŞ M. Evaluation of pulmonary functions in patients with idiopathic scoliosis treated with CDI. GICD 1993, INTERNATIONAL CONGRESS ON COTREL – DUBOUSSET INSTRUMENTATION, Seoul, Kore, 4-5 Eylül 1993 (Sözel sunum) (Bu bildiri GICD'93, Sauramps Medical, Montpellier, pp: 39-45, 1994, kongre kitabında yayımlanmıştır).



**B5-** MUMCU E., BENLİ İ.T., KILIÇ M., ÇITAK M., AKALIN S., ARSLAN H. Femoral shaft fractures in children : technique of immediate treatment with supracondylar K-wires and one – and – a – half spica cast. ITALIAN- TURKISH MEETING ON ORTHOPAEDIC SURGERY AND TRAUMATOLOGY, Milano, İtalya, 21-23 Ekim 1993 (Sözel sunum).

**B6-** AKALIN S., TÜZÜNER M., KIŞ M., BENLİ İ.T. Anterior decompression, strut grafting and anterior instrumentation in severe burst fractures and post traumatic spinal deformities. SICOT'96, Amsterdam, Hollanda, 18-23 Ağustos 1996 (Poster).

**B7-** TÜZÜNER M., AKALIN S., AYDIN E., BENLİ İ.T. TSRH System in thoracolumbar unstable vertebral fractures. SICOT'96 Amsterdam HOLLAND (Poster).

**B8-** ÇITAK M., BENLİ İ.T., AKALIN S., KIŞ M., ALTUĞ T., DUMAN E. The results of intraoperative autotransfusion in the major orthopaedic surgery. SICOT'99 SYDNEY, The 21th Triennial World Congress of SICOT. Sidney, Avustralya, 18-23 Nisan 1999 (Poster).

**B9-** BENLİ İ.T., KIŞ M., ÇITAK M., AKALIN S., ARSLAN H., KURTULUŞ B. Preliminary report of CD – Hopf instrumentation and anterior fusion for idiopathic scoliosis. SICOT'99 SYDNEY, The 21th Triennial World Congress of SICOT. Sidney, Avustralya, 18-23 Nisan 1999 (Poster).

**B10.** BENLİ İ.T., ALANAY A., ACAROĞLU E., KIŞ M., AKALIN S., AYDIN E. Comparison of anterior plate vs. rod systems in treatment of tuberculosis spondylitis. SPINE WEEK 2004, ANNUAL MEETING OF THE SPINE SOCIETY OF EUROPE, Porto, Portekiz, 30 Mayıs – 5 Haziran 2004 (Sözel sunum).

**B11-** BENLİ İ.T., BÜYÜKGÜLLÜ O., ALTUĞ T., AKALIN S., ATEŞ B., KURTULUŞ B. Augmentation of third generation instrumentation with sublaminar titanium wiring in late onset idiopathic scoliosis. The surgical results and analysis of trunk balance. XXIII SICOT TRIENNIAL WORLD CONGRESS 2005, İstanbul, 2 - 9 Eylül 2005 (Sözel Sunum).

## **C2. Chapters in National/International Books:**

**C2.1.** Omurga Enfeksiyonları, Rekmay Yayıncılık, 2006 Türk Omurga Derneği Yayınları. Omurga Enfeksiyonlarının Tedavisinde Genel Prensipler, S.AKALIN pp321-347

**C2.2.** AO- Kırık Tedavisinde AO Kuralları, Nobel Kitabevleri, 2016.

**C2.3.** Omurga Enfeksiyonları, Rekmay Yayıncılık, 2006 Türk Omurga Derneği Yayınları. Omurga Enfeksiyonlarının Tedavisinde Genel Prensipler, S.AKALIN pp341-368.

**D. Articles Published in National Peer-Reviewed Journals:**

**D1-** KILIÇ M., BENLİ İ.T., SOFUOĞLU L., AKALIN S., GİDER M., PESTİLCİ F. Asetabulum Kırıklarının Uzun Dönem Sonuçları. AKDENİZ ÜNİVERSİTESİ TIP FAKÜLTESİ BÜLTENİ, VII (3-4) : 25-33, 1991.

**D2-** BENLİ İ.T., ÇITAK M., AKALIN S., KIŞ M., PESTİLCİ F., MUMCU E.F Erişkin idiopatik skolyozun cerrahi tedavisinde Cotrel-Dubousset instrumentasyonu uygulaması sonuçları. ONDOKUZ MAYIS ÜNİVERSİTESİ TIP DERGİSİ, 9 (1) : 30-38, 1992.

**D3-** KIŞ M., BENLİ İ.T., ÇITAK M., AKALIN S. İdiopatik Skolyoz Cerrahi Tedavisinde Texas Scottish Rite Hospital Sistemi Uygulamasının Sonuçları. ARTROPLASTİ VE ATROSKOPİK CERRAHİ DERGİSİ, 5 : 48-56, 1992.

**D4-** BENLİ İ.T., ÇITAK M., AKALIN S., TANDOĞAN N.R., MUMCU E.F., KIŞ M. “Late Onset” idiopatik skolyoz cerrahi tedavisinde Cotrel – Dubousset instrumentasyonu sonuçları. HACETTEPE ORTOPEDİ VE TRAVMATOLOJİ DERGİSİ, 2 (1) : 13-21, 1992.

**D5-** KIŞ M., AKALIN S., BENLİ İ.T, TÜZÜNER M., ÇITAK M., ÖZLÜ S. Kemik bankalama ve erken klinik deneylerimiz ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA 27 (1) : 100-103, 1993.

**D6-** BENLİ İ.T., TÜZÜNER M.M., KIŞ M., AKALIN S., ÇITAK M., MUMCU E.F. CotrelDubousset tekniğinin derotasyonel etkisinin kompüterize tomografi ile değerlendirilmesi ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA 27 (1) : 28-32, 1993.

**D7-** BENLİ İ.T., MUMCU E.F, AKALIN S., ÇITAK M., UCA T. Nöromusküler skolyozun cerrahi tedavisinde Cotrel-Dubousset instrumentasyonu uygulanması sonuçları. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA 27 (1) : 33-40, 1993.

**D8-** BENLİ İ.T., KIŞ M., TÜZÜNER M., AKALIN S., AYDIN E., ÖZLÜ S. Spinal deformitelerde revizyon ve kurtarıcı cerrahi uygulamaları sonuçları. HACETTEPE ORTOPEDİ VE TRAVMATOLOJİ DERGİSİ 5 (2) : 75-86, 1995.

**D9-** KIŞ M., BENLİ İ.T., AYDIN E., TÜZÜNER M., AKALIN S., BAVBEK M. Anterior füzyon ve titanyum enstrümantasyon uygulanan subaksiyel servikal omurga instabilitelerinin cerrahi tedavi sonuçları. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA 30 (3) : 309-314, 1996.

**D10-** BENLİ İ.T., AYDIN E., TÜZÜNER M., AKALIN S., KIŞ M., ÖZLÜ S. Torakolumbar bileşkenin burst kırıklarında üç değişik implant kombinasyonunun sonuçlarının karşılaştırılması. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA 30 (4) : 381- 387, 1996.

**D11-** BENLİ İ.T., TÜZÜNER M., AKALIN S., AYDIN E., ALTUĞ T., GÖKSAN G. Ortopedik majör cerrahi uygulanan 400 hastanın intraoperatif ototransfüzyon sonuçları. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA 32 (1) : 1-4, 1998.

**D12-** BENLİ İ.T., AKALIN S., KIŞ M., SOLAK Ş., KURTULUŞ B., TÜZÜNER M. İdiopatik skolyoz cerrahi tedavisinde anterior füzyon ve Cotrel-Dubousset Hopf (CDH) enstrümantasyonu erken sonuçları. HACETTEPE ORTOPEDİ VE TRAVMATOLOJİ DERGİSİ 8 (3) : 83-91, 1998.

**D13-** BENLİ İ.T., AKALIN S., KIŞ M. Skolyoz cerrahisinde komplikasyonlar. ARTROPLASTİ VE ATROSKOPİK CERRAHİ 10 (1) : 82-92, 1999.

**D14-** BENLİ İ.T., AKALIN S., KIŞ M., ÇITAK M., KILIÇ M., AYDIN E. Scheuermann kifozunda anterior gevşetme ve posterior enstrümantasyon sonuçları. AKTÜEL TIP 4 (8) : 385-388, 1999.

**D15-** BENLİ İ.T., ÇITAK M., AKALIN S., KIŞ M., DUMAN E., HÜCÜMENOĞLU S. Omurga tümörlerinin cerrahi sonuçları. I. Benign ve primer omurga tümörleri. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA 33 (4) : 264-279, 1999.

**D16-** BENLİ İ.T., DUMAN E., AKALIN S., KIŞ M., AYDIN E., ÜN A. Doğuştan skolyozda cerrahi tedavi seçeneklerinin değerlendirilmesi. ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, 37 (4) : 284-298, 2003.

**E. Papers Presented at National Scientific Meetings and Published in Abstract Books:**

**E1.** KIŞ M., BENLİ İ.T., PESTİLCİ F., ÇITAK M., AKALIN S. Ortopedik cerrahi profilaksisinde seftriakson ve sefazolin karşılaştırılması. VII.TÜRK ANTİBİYOTİK VE KEMOTERAPİ KONGRESİ, Kuşadası, Aydın, 31 Mayıs – 4 Haziran 1992 (Poster).

**E2-** PESTİLCİ F., BENLİ İ.T., KIŞ M., AKALIN S., ÇITAK M. Bir salmonella osteomyeliti olgusu. Vaka takdimi. VII.TÜRK ANTİBİYOTİK VE KEMOTERAPİ KONGRESİ, Kuşadası, Aydın, 31 Mayıs – 4 Haziran 1992 (Poster).

**E3-** MUMCU E:F, PESTİLCİ UCA T., AKALIN S. Sementsiz total kalça protezlerinin yakın takip sonuçları. XII Milli Türk Ortopedi ve Travmatoloji Kongresi,

**E4-** KIŞ M., TÜZÜNER M., BENLİ İ.T., ÇITAK M., AKALIN S. King III idiopatik skolyozun cerrahi tedavisinde TSRH uygulaması sonuçları. SSK 15. TIP KONGRESİ, Çeşme, İzmir, 18-21 Nisan 1994 (Poster).

**E5-** TÜZÜNER M., BENLİ İ.T., KIŞ M., AYDIN E., ÇITAK M., AKALIN S. Nöromusküler skolyoz cerrahi tedavisinde Galveston metodu uygulamaları sonuçları. SSK 15. TIP KONGRESİ, Çeşme, İzmir, 18-21 Nisan 1994 (Poster).

**E6-** AKALIN S., BENLİ İ.T., TÜZÜNER M., KIŞ M. Torakal ve lomber ciddi burst kırıklarında anterior dekompresyon ve CDH enstrümantasyonu uygulaması sonuçları. XV. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, İstanbul, 13-17 Eylül 1997 (Sözel sunum) (Bu bildiri XV. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRE KİTABI' nda Ankara, 1997 pp: 506-510' da yayınlanmıştır).

**E7-** BENLİ İ.T., KIŞ M., AKALIN S., DUMAN E. Tip II ve III idiopatik skolyoz hastalarının sagittal plan analizi. XVI. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, 3-7 Kasım 1999 (Sözel sunum) (Bu bildiri XVI. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRE KİTABI, 1999, pp: 698-704' de yayınlanmıştır).

**E8-** TEMELLİ G., BENLİ İ.T., KIŞ M., AKALIN S., ÇITAK M., KARAASLAN S. Torakolomber vertebra kırıklarında anterior enstrümantasyon sonuçları. XVII. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, 24-27 Ekim 2001 (Bu bildiri XVII. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRE KİTABI, Ed. Alpaslan A.M. 2001, pp: 421-423' de yayınlanmıştır).

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**E10-** KIŞ M., BENLİ İ.T., ÇITAK M., AKALIN S., KARAKAŞ Ö., KÖSTEKÇİ Ç. Konjenital skolyozun cerrahi tedavi sonuçları. XVII. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, 24-27 Ekim 2001.

**E11-** BENLİ İ.T., AKALIN S., ÇITAK M., KIŞ M., KARAKAŞ Ö., BAZ A. İdiopatik skolyoz cerrahi tedavisinde İsola spinal enstrümantasyonu sonuçları. XVII. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, 24-27 Ekim 2001.

**E12-** AKALIN S., ERZEN F., BENLİ T., KILIÇ M., ÇELİK B., KIŞ M. Osteoporotik vertebra kompresyon kırıklarında balon kifoplasti yönteminin etkinliği. XIX. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, 14-19 Mayıs 2005 (Sözel sunu), Acta Orthop Trau Turc 39 (Suppl.2): 67-68, 2005.

**E13-** BENLİ İ. T., KIŞ M., AKALIN S., ATEŞ B., ÇİÇEK H., AYDIN E., Spondilolisteziste insitu füzyon ve korrektif posterior enstrümantasyon sonuçlarının karşılaştırılması. XIX. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, 14-19 Mayıs 2005 (Sözel sunu), Acta Orthop Trau Turc 39 (Suppl.2): 71, 2005.

**E14-** KIŞ M., BENLİ İ.T., AKALIN S., ATEŞ B., DUMAN E., AYDIN E. Posttravmatik kifoz deformitesinde anterior vertebrektomi ve anterior enstrümantasyon sonuçları. XIX. MİLLİ TÜRK ORTOPEDİ VE TRAVMATOLOJİ KONGRESİ, Antalya, 14-19 Mayıs 2005 (Poster), Acta Orthop Trau Turc 39 (Suppl.2): 169, 2005.

## **G. Other Publications:**

### **G1 Publications Published in English-Language Journals in Turkey:**

**1-** BENLİ İ.T., AKALIN S., ÇITAK M., TÜZÜNER M., KIŞ M., MUMCU E.F. Sagittal and transverse plane analysis of idiopathic scoliosis patients whom Cotrel - Dubousset instrumentation is used. JOURNAL OF TURKISH SPINAL SURGERY, 2 (1) : 37 - 44, 1992.

**2-** GÜRBÜZ A., KIŞ M., BENLİ İ.T., AKALIN S., TANDOĞAN R., MUMCU E.F. Results and complication of segmental sublaminar wiring method. JOURNAL OF TURKISH SPINAL SURGERY, 2 (4) : 35 - 40, 1992.

**3-** MUMCU E.F., BENLİ İ.T., AKALIN S.; KIŞ M: Anterior or posterior stabilization of primary and metastatic spinal tumors. JOURNAL OF TURKISH SPINAL SURGERY, 5 (4) : 170-173, 1994.

**4-** ÖZLÜ S., AYDIN E., ÇITAK M., TÜZÜNER M., BENLİ İ.T., AKALIN S. Surgical treatment of thoracolumbar vertebral fractures. (Comparison of the instrumentation system with hook - rod, transpedicular screw - rod and reserve hook - Transpedicular screw - rod combination) JOURNAL OF TURKISH SPINAL SURGERY, 5 (3) : 109 - 114, 1994.

**5-** TÜZÜNER M., BENLİ İ.T., KIŞ M., AKALIN S., ÇITAK M. TSRH instrumentation in the treatment of unstable thoracolumbar fractures. JOURNAL OF TURKISH SPINAL SURGERY, 5 (4) : 157 - 160, 1994.

**6-** SOLAK Ş., BENLİ İ.T., AYDIN E., KIŞ M., TÜZÜNER M., AKALIN S. Combined anterior and posterior surgery for the treatment of rigid idiopathic scoliosis. JOURNAL OF TURKISH SPINAL SURGERY, 6 (1) : 5 - 7, 1995.

**7-** ÇITAK M., BENLİ İ.T., TÜZÜNER M., KIŞ M., AKALIN S., ÖZLÜ S. Results of surgical instrumentation in adult idiopathic scoliosis. JOURNAL OF TURKISH SPINAL SURGERY, 6 (1) : 8 - 13, 1995.

**8-** AKALIN S., BENLİ İ.T., KIŞ M., TÜZÜNER M., AYDIN E., ÇITAK M. The results of the salvage and the revision procedures of spinal deformities treated with various instrumentation systems. JOURNAL OF TURKISH SPINAL SURGERY, 6 (1) : 14 - 18, 1995.

**9-** BENLİ Ü.S., BENLİ İ.T., AKALIN S., AYDIN E., ÖZLÜ S., BAZ A.B. Electrophysiological and histopathological evaluation of cauda equina compression in dogs obtained by posterior bone block placement. JOURNAL OF TURKISH SPINAL SURGERY, 7 (1) : 1 - 9, 1996.

**10-** BAZ A.B., BENLİ İ.T., AKALIN S., GÜRSES L., BAVBEK M. Posterior instrumentation in the treatment of vertebral instability due to post - nuerosurgical procedures. JOURNAL OF TURKISH SPINAL SURGERY, 7 (2) : 57 - 61, 1996.

**11-** BENLİ Ü.S., BENLİ İ.T., KIŞ M., AKALIN S., VARLI K., AYDIN E. Electrophysiological evaluation and surgical treatment results of a scoliosis patient with Friedreich Ataxia. JOURNAL OF TURKISH SPINAL SURGERY, 7 (3) : 81 - 87, 1996.

**12-** BENLİ İ.T., AYDIN E., KIŞ M., AKALIN S., TÜZÜNER M., BAZ A.B. The results of anterior instrumentation in vertebral tuberculosis. JOURNAL OF TURKISH SPINAL SURGERY, 7 (3) : 98 - 101, 1996.

**13-** AKALIN S., TÜZÜNER M., KIŞ M., BENLİ İ.T., ÖZLÜ S., BAZ A.B. The early results of anterior release and instrumentation in the treatment of idiopathic scoliosis patients. JOURNAL OF TURKISH SPINAL SURGERY, 7 (4) : 139 - 141, 1996.

**14-** BENLİ İ.T., KIŞ M., AKALIN S., TÜZÜNER M., ÖZLÜ S., BAZ A.B. Drainage applications with posterior approach from the intervertebral disc space followed with posterior instrumentation in patients with distal lumbar and sacral tuberculosis abcess. Report of three cases. JOURNAL OF TURKISH SPINAL SURGERY, 7 (4) : 163 - 165, 1996.

**15-** ÖZLÜ S., AKALIN S., BENLİ İ.T., KIŞ M., ÇELİK N., BAZ A.B. Radionuclide and histopatological evaluation of combined allograft applications in anterior and posterior spinal fusion. JOURNAL OF TURKISH SPINAL SURGERY, 8 (1) : 13 - 16, 1997.

**16-** BENLİ İ.T., KIŞ M., ÇELİK N., BÖLÜK M., KURTULUŞ B., AKALIN S. Histopatological analysis of thermal changes of the paravertebral soft tissue due to MRI after anterior titanium plate application. JOURNAL OF TURKISH SPINAL SURGERY, 8 (1) : 28 - 30, 1997.

**17-** AKALIN S., BENLİ İ.T., KIŞ M., TÜZÜNER M., ÖZLÜ S., BAZ A.B. The results of posterior instrumentation and PLIF in patients with spinal stenosis. JOURNAL OF TURKISH SPINAL SURGERY, 8 (3) : 101 - 105, 1997.

**18-** BENLİ İ.T., ÇITAK M., DUMAN E., AKALIN S., BAZ A.B., TEMELLİ G. Anterior thoracic release by discectomy, anterior and posterior combined fusion and posterior instrumentation for scoliosis in Friedreich's ataxia. TURKISH JOURNAL OF BONE AND JOINT SURGERY 4 (1 - 2) : 49 - 56, 1999.

**19-** AKALIN S, BENLİ T. Scheuermann Kyphosis: Aetiologiy, Diagnosis and Conservative Treatment. Review Article. TURKISH JOURNAL OF BONE AND JOINT SURGERY 19 (2) : 129-140, 2008.

**20-** AKALIN S. Minimal İnvasive Techniques in Pothologic Fractures: Vertebroplasty and Kyphoplasty. Review Article. . TURKISH JOURNAL OF BONE AND JOINT SURGERY 19 (2) : 141-1452, 2008.

## **G2: Papers Presented at International Congresses and Symposia Held in Turkey:**

**G2-1-** GÜRBÜZ A., KIŞ M., BENLİ İ.T., AKALIN S., TANDOĞAN R., MUMCU E.F. Results and complication of segmental sublaminar wiring method. 2 ND INTERNATIONAL CONGRESS ON SPINAL SURGERY IN TURKEY, İstanbul, 7-10 Eylül, 1992 (Sözel sunum) (Bu bildiri JOURNAL TURKISH SPINAL SURGERY, dergisinin 2 (4) : 35-40, 1992, sayısında yayınlandı).

**G2-2-** BENLİ İ.T., AKALIN S., KIŞ M., MUMCU E.F., ÇITAK M. The results of surgical treatment using Cotrel-Dubousset Instrumentation for late onset idiopathic scoliosis. 2 ND INTERNATIONAL CONGRESS ON SPINAL SURGERY IN TURKEY, İstanbul, 7-10 Eylül,



1992 (Sözel sunum) (Bu bildiri HACETTEPE ORTOPEDİ VE TRAVMATOLOJİ DERGİSİ, dergisinin 2 (1) : 13-21, 1992, sayısında yayınlandı).

**G2-3-** BENLİ İ.T., AKALIN S., ÇITAK M., TÜZÜNER M., KIŞ M., MUMCU E.F. Sagittal and transverse plane analysis of idiopathic scoliosis patients whom Cotrel-Dubousset Instrumentation is used. 2ND INTERNATIONAL CONGRESS ON SPINAL SURGERY IN TURKEY, İstanbul, 7-10 Eylül, 1992 (Poster) (Bu bildiri JOURNAL TURKISH SPINAL SURGERY, dergisinin 2 (4) : 35-40, 1992, sayısında yayınlandı).

**G2-4-** TÜZÜNER M., BENLİ İ.T., KIŞ M., AKALIN S., ÇITAK M. TSRH instrumentation in the treatment of unstable thoracolumbar fractures. 3 RD INTERNATIONAL CONGRESS ON SPINE SURGERY IN TURKEY, Antalya, 2-6 Ekim, 1994 (Sözel sunum).

**G2-5-** ÖZLÜ S., AYDIN E., ÇITAK M., TÜZÜNER M., BENLİ İ.T., AKALIN S. Surgical treatment of thoracolumbar vertebral fractures. Comparison of the instrumentation systems with hook-rod, transpedicular screw-rod and reverse hook-transpedicular screw-rod combination. 3 RD INTERNATIONAL CONGRESS ON SPINE SURGERY IN TURKEY, Antalya, 2-6 Ekim, 1994 (Sözel sunum).

**G2-6-** AKALIN S., BENLİ İ.T., KIŞ M., TÜZÜNER M., AYDIN E., ÇITAK M. The results of the salvage and the revision procedures of spinal deformities treated with various instrumentation systems. 3 RD INTERNATIONAL CONGRESS ON SPINE SURGERY IN TURKEY, Antalya, 2-6 Ekim, 1994 (Poster).

**G2-7-** SOLAK Ş., BENLİ İ.T., AYDIN E., KIŞ M., TÜZÜNER M., AKALIN S., Combined anterior and posterior surgery for the treatment of rigid idiopathic scoliosis. 3 RD INTERNATIONAL CONGRESS ON SPINE SURGERY IN TURKEY, Antalya, 2-6 Ekim, 1994 (Sözel sunum).

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**G2-10-** AKALIN S., BENLİ İ.T., BAZ A.B. The results of Z-Plate after anterior decompression in the treatment severe burst fractures and posttraumatic spinal deformities. SICOT REGIONAL AND 14TH TURKISH NATIONAL CONGRESS OF ORTHOPAEDIC SURGERY AND TRAUMATOLOGY, İzmir, 29 Eylül – 4 Ekim, 1995 (Sözel sunum).

**G2-11-** TÜZÜNER M., AKALIN S., BENLİ İ.T., KIŞ M., ÇITAK M., ÇALIŞKAN H. Anterior release and posterior instrumentation in Schuerman kyphosis. 6 TH CONGRESS OF THE INTERNATIONAL CIRCLE OF FRIENDS OF TURKISH – GERMAN ORTHOPAEDICS AND TRAUMATOLOGY, Antalya, 24-27 Mayıs, 1996 (Sözel sunum).

**G2-12-** ÇALIŞKAN H., PESTİLCİ F., BAZ A.B., KIŞ M., AKALIN S., BENLİ İ.T. The early results of cemented knee arthroplasties with keeled tibial components. 6 TH CONGRESS OF THE INTERNATIONAL CIRCLE OF FRIENDS OF TURKISH-GERMAN ORTHOPAEDICS AND TRAUMATOLOGY, Antalya, 24-27 Mayıs, 1996 (Sözel sunum).

**G2-13-** KIŞ M., BENLİ İ.T., TÜZÜNER M., AKALIN S., ALTINÖRS N., BAVBEK M. The results of surgical treatment of subaxial cervical instability. 6 TH CONGRESS OF THE INTERNATIONAL CIRCLE OF FRIENDS OF TURKISH-GERMAN ORTHOPAEDICS AND TRAUMATOLOGY, Antalya, 24-27 Mayıs, 1996 (Sözel sunum).

**G2-14-** BENLİ Ü.S., BENLİ İ.T., KIŞ M., AKALIN S., VARLI K., TAN E. Electrophysiological evaluation and surgical treatment results of a scoliosis patients with Friedreich ataxia. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Poster).

**G2-15-** BENLİ İ.T., AYDIN E., KIŞ M., AKALIN S., TÜZÜNER M., BAZ A.B. The results of anterior instrumentation in vertebral tuberculosis. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Sözel sunum).

**G2-16-** BENLİ İ.T., KIŞ M., ÇELİK N., BÖLÜK M., KURTULUŞ B., AKALIN S. Histopatological analysis of thermal changes of the paravertebral soft tissue due to MRI after anterior titanium plate application. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Poster).

**G2-17-** BENLİ İ.T., KIŞ M., AKALIN S., TÜZÜNER M., ÖZLÜ S., BAZ A.B. Drainage applications with posterior approach from the intervertebral disc space followed with posterior instrumentation in patients with distal lumbar and sacral tuberculosis abscess. Report of three

cases. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Poster).

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**G2-19-** ÇITAK M., BENLİ İ.T., KIŞ M., AKALIN S., BAZ A.B., ÖZLÜ S. Single rod technique in idiopathic scoliosis. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Poster).

**G2-20-** ÖZLÜ S., AKALIN S., BENLİ İ.T., KIŞ M., ÇELİK N., BAZ A.B. Radionuclide and histopatological evaluation of combined allograft and autogeneous graft applications in anterior and posterior spinal fusion. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Sözel sunum).

**G2-21-** BENLİ Ü.S., BENLİ İ.T., AKALIN S., ÖZLÜ S., BAZ A.B., ÇELİK N. Electrophysiological and histopatological evaluation of chord compression in dogs obtained by posterior bone block placement. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Poster).

**G2-22-** AKALIN S., BENLİ İ.T., KIŞ M., TÜZÜNER M., ÖZLÜ S., BAZ A.B. The results of posterior instrumentation and PLIF in patients with spinal stenosis. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Poster).

**G2-23-** BAZ A.B., BENLİ İ.T., KIŞ M., AKALIN S., GÜRSES L., BAVBEK M. Posterior instrumentation in the treatment of vertebral instability due to post-neurosurgical procedures. 4 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İzmir, 26-30 Mayıs, 1996 (Sözel sunum).

**G2-24-** BENLİ İ.T., AKALIN S., KIŞ M., ÇITAK M., DUMAN E., KARAKAŞ Ö. Frontal and sagittal balance analysis of late onset idiopathic scoliosis treated with TSRH. 5 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İstanbul, 22-24 Haziran, 1999 (Sözel sunum).

**G2-25-** BENLİ İ.T., KIŞ M., KANEVETÇİ S., AYDIN E., AKALIN S., ÇITAK M. The results of anterior radical debridement and anterior instrumentation in Pott's disease and comparison with other surgical techniques. 5 TH INTERNATIONAL CONGRESS ON SPINE SURGERY, İstanbul, 22-24 Haziran, 1999 (Poster).

**G2-26-** AKALIN S., BENLİ İ.T., TEMELLİ G., ÇITAK M., KIŞ M. Comparison of the results of anterior screw-plate instrumentation in the treatment of thoracolumbar burst fractures. 6 TH INTERNATIONAL CONGRESS ON SPINAL SURGERY, Ankara, 4-7 Eylül 2002 (Abstract olarak EUROPEAN SPINAL JOURNAL 11 (4) : 404-405, 2002' de yayınlandı) (Sözel sunum).

**G2-27-** AKALIN S., KARAKAŞ Ö., BENLİ İ.T., DUMAN E., KIŞ M., AYDIN E. Evaluation of spinal canal compression and remodeling and the effect of posterior instrumentation and fusion in thoracolumbar burst fractures. 6 TH INTERNATIONAL CONGRESS ON SPINAL SURGERY, Ankara, 4-7 Eylül, 2002 (Abstract olarak EUROPEAN SPINAL JOURNAL 11 (4) : 405, 2002' de yayınlandı) (Sözel sunum).

**G2-28-** BENLİ İ.T., KIŞ M., ÇITAK M., AKALIN S. Trunk balance analysis of late onset idiopathic scoliosis patients treated with TSRH instrumentation. 6 TH INTERNATIONAL CONGRESS ON SPINAL SURGERY, Ankara, 4-7 Eylül, 2002 (Abstract olarak EUROPEAN SPINAL JOURNAL 11 (4) : 412, 2002' de yayınlandı) (Sözel sunum).

**G2-29-** BENLİ İ.T., AKALIN S., KIŞ M., SOLAK Ş., AYDIN E., DUMAN E. Surgical outcome of primary benign and malignant spinal tumors. 6 TH INTERNATIONAL CONGRESS ON SPINAL SURGERY, Ankara, 4-7 Eylül, 2002 (Sözel sunum).

**G2-30-** BENLİ İ.T., KIŞ M., AKALIN S., ÇITAK M., SOLAK Ş., AYDIN E. Surgical outcome of metastatic spinal tumors. 6 TH INTERNATIONAL CONGRESS ON SPINAL SURGERY, Ankara, 4-7 Eylül, 2002 (Sözel sunum).

**G2-31-** BENLİ İ.T., AKALIN S., KIŞ M., AYDIN E., ATEŞ B., URUÇ V. Turkish SRS-22 questionnaire and minimum 10 years follow-up surgical results of AIS patients classified

according to Lenke classification. 7 TH INTERNATIONAL CONGRESS ON SPINAL SURGERY, Antalya, 14-17 Nisan, 2005 (Sözel sunum).

**G2-32-** BENLİ İ.T., AKALIN S., ALANAY A., KIŞ M., ATEŞ B., AYDIN E. Anterior instrumentation in tuberculosis spondylitis. The results of minimum 5 years follow-up. 7 TH INTERNATIONAL CONGRESS ON SPINAL SURGERY, Antalya, 14-17 Nisan, 2005 (Sözel sunum).