# Prof. Berna TARIM

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## Education Information

Doctorate, Istanbul University, Diş Hekimliği Fakültesi/Sağlık Bilimleri Enstitüsü, Turkey 1984 - 1990

## Foreign Languages

English, C1 Advanced

## Research Areas

Health Sciences, Dentistry, Clinical Sciences, Dental Diseases and Treatment, Conservative Dentistry

## Academic Titles / Tasks

Professor, Istanbul University, Faculty of Dentistry, Division of Clinical Sciences, 1990 - Continues

## Advising Theses

TARIM B., Farklı adeziv uygulama teknikleri ile ara yüzey degradasyonunun bağlanma dayanımına etkisinin in vitro incelenmesi., Doctorate, G.Yenier(Student), 2015
Tarım B., II. sınıf adeziv restorasyonlarda farklı materyallerin ve restorasyon yöntemlerinin mikrosızıntı açısından in vitro değerlendirilmesi, Doctorate, E.Fırat(Student), 2011

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

I. **The effect of endodontic irrigants on the microtensile bond strength of different dentin adhesives.**
Dikmen B., Tarim B.
Nigerian journal of clinical practice, vol.21, no.3, pp.280-286, 2018 (SCI-Expanded)

II. **II. sınıf adeziv restorasyonlarda farklı materyallerin ve restorasyon yöntemlerinin mikrosızıntı açısından in vitro değerlendirilmesi**
Cakan E. F., Tarım B.

International Dental Journal, vol.65, pp.104, 2015 (SCI-Expanded)

III. **In vitro Effect of Cavity Disenfectans on the Bond Strength of Dentin Bonding Systems**
can e., KORAY F., TARIM B., soyman a. m., gülmez t.
QUINTESSENCE INTERNATIONAL, vol.35, no.1, pp.56-60, 2004 (SCI-Expanded)

IV. **In vitro effect of cavity disinfectants on the bond strength of dentin bonding systems**
Say E., Koray F., TARIM B., Soyman M., Gülmez T.
QUINTESSENCE INTERNATIONAL, vol.35, no.1, pp.56-60, 2004 (SCI-Expanded)

V. **An in vivo evaluation of hemorrhage control using sodium hypochlorite and direct capping with a one- or two-component adhesive system in exposed nonhuman primate pulps**
Hafez A., Cox C., Tarim B., Otsuki M., Akimoto N.
QUINTESSENCE INTERNATIONAL, vol.33, no.4, pp.261-272, 2002 (SCI-Expanded)

VI. **Effect of disinfectants on bond strength of dentin bonding systems**
Can E., KORAY F., TARIM B., soyman a. m., gülmez t.
JOURNAL OF DENTAL RESEARCH, vol.81, pp.1, 2002 (SCI-Expanded)

VII. **Temperature rise during composite resin polymerization with various light-curing units through dentin.**
TARIM B., ERSEV H., Disci R., Hafez A., Kahn R., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.81, 2002 (SCI-Expanded)

VIII. **Biocompatability of Hg/amalgam alloy in exposed dental pulps.**
Cox C., Murray P., Hafez A., Tarim B., Kopel H.
JOURNAL OF DENTAL RESEARCH, vol.81, 2002 (SCI-Expanded)

IX. **Response of human pulpal tissue to orthodontic extrusive applications**
Subay R. K., KAYA H., Tarim B., SUBAY A., COX C.
JOURNAL OF ENDODONTICS, vol.27, no.8, pp.508-511, 2001 (SCI-Expanded)

X. **Comparison of hemostatic agents on vital pulps**
Hafez A., BAILEY J., RUBY J., KOPEL H., TARIM B.
JOURNAL OF DENTAL RESEARCH, vol.6, pp.704, 2001 (SCI-Expanded)

XI. **Adhesive Hybridization Bacteriometic sealing of human vital dentin**
TARIM B., CAN E., HAFEZ A., COX C.
JOURNAL OF DENTAL RESEARCH, vol.4, pp.750, 2001 (SCI-Expanded)

XII. **Biological success with pulp capping Comparative factors of technique sensitivity**
COX C., Hafez A., BAILEY J., RUBY J., TARIM B., KOPEL H., HSU Y.
JOURNAL OF DENTAL RESEARCH, vol.7, pp.704, 2001 (SCI-Expanded)

XIII. **Human pulp reaction to dentine bonded amalgam restorations: a histologic study**
Subay R., Cox C., Kaya H., Tarim B., Subay A., Nayir M.
JOURNAL OF DENTISTRY, vol.28, no.5, pp.327-332, 2000 (SCI-Expanded)

XIV. **A comparative scanning electron microscopic study on the characteristics of demineralized dentin root surface using different tetracycline HCl concentrations and application times**
Isik A., Tarim B., Hafez A., Yalcin F., Onan U., Cox C.
JOURNAL OF PERIODONTOLOGY, vol.71, no.2, pp.219-225, 2000 (SCI-Expanded)

XV. **in vitro evaluation of three caries detectors in human teeth**
GLASS G., COX C., HAFEZ A., TARIM B.
JOURNAL OF DENTAL RESEARCH, vol.4, pp.321, 1999 (SCI-Expanded)

XVI. **Pulp response of KB 1300 amalgam alloy bonding system in class V cavities**
HAFEZ A., TARIM B., COX C.
JOURNAL OF DENTAL RESEARCH, vol.3, pp.385, 1999 (SCI-Expanded)

XVII. **SEM of hand vs non instrumentation using two root cleaning solutions**
HAFEZ A., Kamburas J., HAFEZ A., TARIM B., MILLS J., COX C.
JOURNAL OF DENTAL RESEARCH, vol.6, pp.801, 1999 (SCI-Expanded)

XVIII. **Biocompatibility of DC Primer DC Bond AP X system in monkey teeth**
COX C., HAFEZ A., KOPEL H., NİMER S., AVŞAR L., TARIM B.

JOURNAL OF DENTAL RESEARCH, vol.6, pp.298, 1999 (SCI-Expanded)

XIX. **Surface finish produced on resin composites by new polishing systems**
Setcos J., Tarim B., Suzuki S.
QUINTESSENCE INTERNATIONAL, vol.30, no.3, pp.169-173, 1999 (SCI-Expanded)

XX. **The effects of acid etching with different citric acid concentration and application times on dentin surface: A comparative SEM study**
ONAN M. U., IŞIK A. G., TARIM B., YALÇIN F.
JOURNAL OF DENTAL RESEARCH, no.78, 1999 (SCI-Expanded)

XXI. **The role of the hybrid layer to prevent bacterial microleakage**
COX C., HAFEZ A., TARIM B., AKIMOTO N., IMIZATO S., MILLS J.
JOURNAL OF DENTAL RESEARCH, vol.6, pp.77, 1998 (SCI-Expanded)

XXII. **Pulpal response to a resin-modified glass-ionomer material on nonexposed and exposed monkey pulps**
Tarim B., HAFEZ A., COX C.
QUINTESSENCE INTERNATIONAL, vol.29, no.8, pp.535-542, 1998 (SCI-Expanded)

XXIII. **Biocompatibility of Optibond And XR Bond adhesive systems in non human primate teeth**
TARIM B., HAFEZ A., SATOKA S., SHIRO S., COX C.
INTERNATIONAL JOURNAL OF PERIODONTICS DENTISTRY, vol.5, pp.87-99, 1998 (SCI-Expanded)

XXIV. **Biocompatibility of Optibond and XR-Bond adhesive systems in nonhuman primate teeth**
Tarim B., Hafez A., Suzuki S., Suzuki S., Cox C.
INTERNATIONAL JOURNAL OF PERIODONTICS & RESTORATIVE DENTISTRY, vol.18, no.1, pp.87-99, 1998 (SCI-Expanded)

XXV. **Biocompatibility of primer, adhesive and resin composite systems on non-exposed and exposed pulps of non-human primate teeth**
Cox C., Hafez A., Akimoto N., Otsuki M., Suzuki S., Tarim B.
AMERICAN JOURNAL OF DENTISTRY, vol.11, 1998 (SCI-Expanded)

XXVI. **SEM of hand vs non-instrumentation using two root cleansing solutions**
Hafez A., Kamburis J., Hafez A., Tarim B., Mills J., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.77, pp.801, 1998 (SCI-Expanded)

XXVII. **The role of the hybrid layer to prevent bacterial microleakage.**
Cox C., Hafez A., TARIM B., Akimoto N., Imazato S., Mills J.
JOURNAL OF DENTAL RESEARCH, vol.77, pp.669, 1998 (SCI-Expanded)

XXVIII. **Pulpotomy reconsidered: Regional cell alteration in exposed pulps.**
Mills J., Hafez A., Tarim B., Akimoto N., Imazato S., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.77, pp.800, 1998 (SCI-Expanded)

XXIX. **Pulp response of direct capped exposures at 6 & 7 months in monkeys**
Tarim B., Hafez A., Akimoto N., Imazato S., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.77, pp.800, 1998 (SCI-Expanded)

XXX. **Optimal dentin demineralization: An SEM study of concentrations and application times.**
Isik G., Tarim B., Hafez A., Yalcin F., Onan U., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.77, pp.745, 1998 (SCI-Expanded)

XXXI. **Human pulp reaction to a dentin bonding agent**
SÜBAY R. K., TARIM B., PAMUK E., COX C.
JOURNAL OF DENTAL RESEARCH, vol.4, pp.305, 1997 (SCI-Expanded)

XXXII. **Biocompatability of compomer restorative systems on nonexposed dental pulps of primate teeth**
TARIM B., Hafez A., Suzuki S., Suzuki S., Cox C.
OPERATIVE DENTISTRY, vol.22, no.4, pp.149-158, 1997 (SCI-Expanded)

XXXIII. **Histologic evaluation of two bisco adhesive systems on exposed pulps**
OTSUKI M., TAGAMİ J., KANCA J., AKIMOTO N., SUZUKİ S., SUZUKI S., TARIM B., COX C.
JOURNAL OF DENTAL RESEARCH, vol.8, pp.76-78, 1997 (SCI-Expanded)

XXXIV. **Biocompatility of compomer restorative systems on nonexposed dental pulps of primate teeth**

TARIM B., HAFEZ A., SUZUKİ S., SUZUKI S., COX C.
OPERATIVE DENTISTRY, vol.5, pp.149-158, 1997 (SCI-Expanded)

XXXV. **Histologic evaluation of two BISCO(TM) adhesive systems on exposed pulps.**
Otsuki M., Tagami J., Kanca J., Akimoto N., Suzuki S., Suzuki S., TARIM B., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.76, pp.520, 1997 (SCI-Expanded)

XXXVI. **Human pulp reaction to a dentin bonding agent.**
Subay R., TARIM B., Pamuk E., Kaya H., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.76, pp.2333, 1997 (SCI-Expanded)

XXXVII. **Surface roughness of composite resin polished with new finishing systems**
SETCOS J., TARIM B., SUZUKİ S.
JOURNAL OF DENTAL RESEARCH, vol.3, pp.280, 1996 (SCI-Expanded)

XXXVIII. **Aspiration of nuclei into vital dentin Moist vesus dry priming**
FARMER J., COX C., KANCA J., SNUGGS H., SUZUKI S., TARIM B.
JOURNAL OF DENTAL RESEARCH, vol.6, pp.280, 1996 (SCI-Expanded)

XXXIX. **Histological pulp response of two compomer systems in class V cavities**
TARIM B., SUZUKİ S., SUZUKI S., HAFEZ A., COX C.
JOURNAL OF DENTAL RESEARCH, vol.5, pp.280, 1996 (SCI-Expanded)

XL. **In vitro sealing ability of bonding and varnish systems with amalgam retrofill**
SÜBAY R. K., SUZUKI S., MANASCO T., RAMP L., TARIM B., HAFEZ A., COX C.
JOURNAL OF DENTAL RESEARCH, vol.7, pp.177, 1996 (SCI-Expanded)

XLI. **Marginal integrity of bonded amalgam restorations**
Tarim B., Suzuki S., Suzuki S.
AMERICAN JOURNAL OF DENTISTRY, vol.9, no.2, pp.72-76, 1996 (SCI-Expanded)

XLII. **SEM evaluation of a non instrumentation system to clean root canals**
COX C., CHANG Y., TARIM B., JEBELES C., MANASCO T., MILLS J.
JOURNAL OF DENTAL RESEARCH, vol.6, pp.373, 1996 (SCI-Expanded)

XLIII. **Aspiration of nuclei into vital dentin: Moist versus dry priming**
Farmer J., Cox C., Kanca J., Snuggs H., Suzuki S., TARIM B.
JOURNAL OF DENTAL RESEARCH, vol.75, pp.2099, 1996 (SCI-Expanded)

XLIV. **Histological pulp response of two compomer systems in class-V cavities**
TARIM B., Suzuki S., Suzuki S., Hafez A., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.75, pp.2100, 1996 (SCI-Expanded)

XLV. **Surface roughness of composite resins polished with new finishing systems.**
Setcos J., TARIM B., Suzuki S., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.75, pp.2920, 1996 (SCI-Expanded)

XLVI. **SEM evaluation of a non-instrumentation system to clean root canals.**
Cox C., Chang Y., TARIM B., Jebeles C., Manasco T., Mills J.
JOURNAL OF DENTAL RESEARCH, vol.75, pp.2846, 1996 (SCI-Expanded)

XLVII. **In vitro sealing ability to bonding & varnish systems with amalgam retrofill**
Subay R., Suzuki S., Manasco T., Ramp L., TARIM B., Hafez A., Cox C.
JOURNAL OF DENTAL RESEARCH, vol.75, pp.1273, 1996 (SCI-Expanded)

XLVIII. **İn vitro evaluation of modified 4 META bonding system**
SUZUKI S., SUZUKİ S., TARIM B., COX C.
JOURNAL OF DENTAL RESEARCH, vol.4, pp.413, 1995 (SCI-Expanded)

XLIX. **IN-VITRO EVALUATION OF MODIFIED 4-META BONDING SYSTEM**
SUZUKI S., SUZUKI S., TARIM B., COX C.
JOURNAL OF DENTAL RESEARCH, vol.74, pp.413, 1995 (SCI-Expanded)

## Articles Published in Other Journals

I. **Dişhekimliğinde kullanılan ışık kaynakları ve uygulama teknikleri**
TARIM B., YÜCEL T.
Türk Dişhekimleri Birliği Dergisi, no.94, pp.86-94, 2016 (Non Peer-Reviewed Journal)

II. **Minimal invaziv restorasyonlarda materyal seçimi uygulama onarım ve başarı**
YENİER G., TARIM B.
Türkiye Klinikleri, vol.5, no.3, pp.79-94, 2014 (Peer-Reviewed Journal)

III. **Işık uygulama tekniklerinin kompozit polimerizasyonuna etkisi**
ÖZ F., TARIM B.
Dergi (İstanbul Dişhekimleri Odası), no.96, pp.36-38, 2014 (Non Peer-Reviewed Journal)

IV. **DENTİN HASSASİYETİ VE TEDAVİSİ Dentin Hypersensitivity and Treatment of Dentin Hypersensitivity**
Dikmen B., TARIM B.
JOURNAL OF ISTANBUL UNIVERSITY FACULTY OF DENTISTRY, vol.46, no.2, pp.88-100, 2012 (Peer-Reviewed Journal)

V. **Dentin Hypersensitivity and Treatment of Dentin Hypersensitivity**
Sezgin B., TARIM B.
JOURNAL OF ISTANBUL UNIVERSITY FACULTY OF DENTISTRY, vol.46, no.2, pp.88-100, 2012 (ESCI)

VI. **Ön bölge dişlerde direct estetik restorasyonlar**
YÜCEL T., TARIM B., ULUKAPI H., DEMİRCİ M.
Türk Dişhekimleri Birliği Dergisi, no.83, pp.10-22, 2004 (Non Peer-Reviewed Journal)

VII. **Çürük dentin saptanmasında Asit Red boya kullanımı**
TARIM B., Can E., DÖRTER C., KORAY F., DABANOĞLU A., TURAN N.
Turkish Quintessence, vol.3, pp.45-49, 2003 (Non Peer-Reviewed Journal)

VIII. **Technique sensitivity: biological factors contributing to clinical success with various restorative materials.**
COX C., Tarim B., KOPEL H., GÜREL G., HAFEZ A.
Advances in dental research, vol.15, pp.85-90, 2001 (Scopus)

IX. **Farklı ışık kaynakları ile kompozit polimerizasyonu sırasında dentindeki ısı artışı**
TARIM B.
Dişhekimliğinde Klinik, vol.1, pp.109-114, 2001 (Non Peer-Reviewed Journal)

X. **Bazı sürekli dolgu materyallerinin doku reaksiyonları**
TARIM B., ULUKAPI H., YÜCEL T., OLGAÇ N. V., ACAR E.
DİŞHEK DERGİSİ, vol.5, pp.212-215, 1996 (Non Peer-Reviewed Journal)

XI. **Cam iyonomer simanlarının pulpaya etkileri**
TARIM B., YÜCEL T., ALATLI F. C., ACAR E.
İ.Ü.DİŞHEKİMLİĞİ FAK DERGİSİ, vol.4, pp.58-62, 1996 (Non Peer-Reviewed Journal)

XII. **Histopathological investigation of the effects of various glass-ionomer cements on dental pulp.**
Tarim B., Yücel T., Alatli C., ACAR E., Olgaç V.
Journal of Marmara University Dental Faculty, vol.2, pp.429-33, 1994 (Scopus)

XIII. **Çeşitli cam iyonomer simanlarına uygulanan farklı bitirme tekniklerinin karşılaştırılması**
TARIM B., BÜYÜKGÖKÇESU T. S., GÖKÇE K.
İ.Ü. Dişhek Fak Derg, vol.3, pp.137-144, 1994 (Non Peer-Reviewed Journal)

XIV. **"Sealapex" ve "Calciobiotic Root Canal Sealer" ile doldurulan dişlerin klinik ve radyolojik yönden incelenmesi**
Küçükay S., KÜÇÜKAY I., TARIM B.
Dişhekimliğinde Klinik, vol.3, no.2, pp.51-58, 1990 (Peer-Reviewed Journal)

XV. **Mesiodens 2 vaka nedeniyle**
Küçükay S., ERİŞEN F. R., TARIM B.
DENT-CONTEMPORARY, vol.3, pp.10-12, 1989 (Non Peer-Reviewed Journal)

XVI. **Çeşitli yaş gruplarında yapılan endodontik tedavilerin dişlere göre dağılımı**
Üçok M., Küçükay S., TARIM B., KÜÇÜKAY I.

İstanbul Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.22, no.4, pp.21-32, 1988 (Peer-Reviewed Journal)

XVII. **Mandibuler 4 Molar a case report**
ERİŞEN F. R., Küçükay S., TARIM B.
DENT-CONTEMPORARY, vol.3, pp.26-28, 1987 (Non Peer-Reviewed Journal)

XVIII. **Amelogenezis İmperfecta Bir vaka nedeniyle**
Küçükay S., ERİŞEN F. R., TARIM B.
Türk DİşTabipleri Bülteni, vol.3, pp.15-20, 1984 (Non Peer-Reviewed Journal)

XIX. **Kök kanallarında iç erime İnternal Resorption**
Küçükay S., ERİŞEN F. R., TARIM B.
Türk Diş Tabipleri Bülteni, vol.3, pp.11-14, 1984 (Non Peer-Reviewed Journal)

XX. **Kök kanallarynda iç erime (Bir olgu nedeniyle)**
ERİŞEN F. R., Küçükay S., Tarım B.
Türk Di? Tabipleri Cemiyeti Bülteni, no.3, pp.11-14, 1984 (Non Peer-Reviewed Journal)

XXI. **Amelogenezis imperfekta (Bir olgu nedeniyle)**
ERİŞEN F. R., Küçükay S., Tarım B.
Türk Diş Tabipleri Cemiyeti Bülteni, no.3, pp.15-20, 1984 (Non Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

I. **Evaluation of adhesive interface degradation on bond strength with different adhesive applications.**
Yenier G., Tarım B.
AIC 19th International Congress and Conseuro, Bologna, Italy, 11 - 13 May 2017, vol.21, pp.1359-1433

II. **Effect of Endodontic Irrigants on the Microtensile Bond Strength of different adhesives**
Dikmen B., TARIM B.
CED-IADR, Antalya, Turkey, 15 - 17 October 2015, pp.2

III. **Evaluation of Microleakage in class II restorations with flowable composite and fibers**
Çakan E. F., TARIM B.
CED-IADR, Antalya, Turkey, 15 - 17 October 2015, pp.1

IV. **Effect of disinfectants on bond strength of dentin bonding systems.**
Say E., Korav F., TARIM B., Soyman M., Gülmez T.
37th Annual Meeting of the International-Association-for-Dental-Research, Rome, Italy, 5 - 08 September 2001, vol.81

V. **Temperature rise during composite resin polymerization with various light-curing units through dentin.**
Tarım B., Ersev H., Dişçi R., Hafez A., Kahn R., Cox C.
80th General Session of the International Association for Dental Research, California, United States Of America, 6 - 09 March 2002, pp.170

## Supported Projects

TARIM B., Project Supported by Higher Education Institutions, II. Sınıf Adeziv Restorasyonlarda Farklı Materyallerin ve Restorasyon Yöntemlerinin Mikrosızıntı Açısından İn Vitro Değerlendirilmesi, 2011 - 2014
TARIM B., Project Supported by Higher Education Institutions, Endodontik Tedavide Kullanılan Yıkama Solüsyonlarının Farklı Dentin Adezivlerinin Çekme Kuvvetlerine Olan Dayanımlarına Etkisinin İn Vitro Değerlendirilmesi, 2011 - 2013

## Metrics

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