

## BIBLIOGRAPHY

- Absi, E.G., Addy, M., *et al.* (1989). Dentine hypersensitivity. The development and evaluation of a replica technique to study sensitive and non-sensitive cervical dentine. *J Clin Periodontol* 16(3): 190-5.
- Atkinson, H.F. and Harcourt, J.K. (1961). Some observations on the peritubular translucent zones in human dentine. *Australian dental journal*: 194-197.
- Bharali, L.A., Burgess, S.A., *et al.* (1988). Reinnervation of sweat glands in the rat hind paw following peripheral nerve injury. *J Auton Nerv Syst* 23(2): 125-9.
- Bishop, M.A. and Yoshida, S. (1992). A permeability barrier to lanthanum and the presence of collagen between odontoblasts in pig molars. *J Anat* 181 ( Pt 1): 29-38.
- Boening, K.W., Walter M.H., *et al.* (1998). Clinical significance of surface activation of silicone impression materials. *J Dent* 26(5-6): 447-52.
- Capillary Action, from [http://chemwiki.ucdavis.edu/Physical\\_Chemistry/Physical\\_Properties\\_of\\_Matter/Intermolecular\\_Forces/Cohesive\\_And\\_Adhesive\\_Forces/Capillary\\_Action](http://chemwiki.ucdavis.edu/Physical_Chemistry/Physical_Properties_of_Matter/Intermolecular_Forces/Cohesive_And_Adhesive_Forces/Capillary_Action).
- Capillary action, from [http://en.wikipedia.org/wiki/Capillary\\_action](http://en.wikipedia.org/wiki/Capillary_action).
- Carrigan, P.J., Morse, D.R., *et al.* (1984). A scanning electron microscopic evaluation of human dentinal tubules according to age and location. *J Endod* 10(8): 359-63.
- Cate, A.R.T. (2008). Dentin-Pulp complex. Ten Cate's histology, development, structure and function. Binghamton, Maple-Vail Book Mfg Group: 191-238.
- Ciucchi, B., Bouillaguet, S., *et al.* (1995). Dentinal fluid dynamics in human teeth, in vivo. *J Endod* 21(4): 191-4.

- D'Souza, R. (2002). Development of the pulp-dentin complex. Seltzer and Bender's dental pulp. Hargreaves, KM. and Goodis, H.E. Chicago, Quintessence publishing: 13-40.
- Erturk, M.S. and Kirzioglu, Z. (2007). In vitro evaluation of dentin permeability of fluorotic primary teeth with a new electronic hydraulic conductance measurement system with photosensors. Arch Oral Biol 52(11): 1057-63.
- Fosse, G., Saele, P.K., *et al.* (1992). Numerical density and distributional pattern of dentin tubules. Acta Odontol Scand 50(4): 201-10.
- Garant, P.R. (2003). Dentin. Oral cells and tissues. Chicago, Quintessence Publishing 25-52.
- Garberoglio, R. and Brannstrom, M. (1976). Scanning electron microscopic investigation of human dentinal tubules. Arch Oral Biol 21(6): 355-62.
- Hirayama, A., Yamada, M., *et al.* (1985). Analytical electron microscopic studies on the dentinal tubules of human deciduous teeth. J Dent Res 64: 743.
- Isokawa, S., Toda, Y., *et al.* (1970). A scanning electron microscopic observation of etched human peritubular dentine. Arch Oral Biol 15(12): 1303-6.
- Itthagarun, A. and Tay, F.R. (2000). Self-contamination of deep dentin by dentin fluid. Am J Dent 13(4): 195-200.
- Johansen, E. (1964). Microstructure of Enamel and Dentin. J Dent Res 43: SUPPL:1007-20.
- Kerdvongbundit, V., Thiradilok, S., *et al.* (2004). The use of the replica technique to record fluid emerging from exposed dentine. Arch Oral Biol 49(8): 613-9.

- Knutsson, G., Jontell, M., *et al.* (1994). Determination of plasma proteins in dentinal fluid from cavities prepared in healthy young human teeth. *Arch Oral Biol* 39(3): 185-90.
- Koutsi, V., Noonan, R.G., *et al.* (1994). The effect of dentin depth on the permeability and ultrastructure of primary molars. *Pediatr Dent* 16(1): 29-35.
- Mendis, B.R. and Darling, A.I. (1979). Distribution with age and attrition of peritubular dentine in the crowns of human teeth. *Arch Oral Biol* 24(2): 131-9.
- Mjor, I.A., Pindborg, J.J. (1973). *Dentin and pulp. Histology of the human tooth.* Copenhagen, Lankans Bogtrykkeri: 45-76.
- Mjor, I.A. (1985). Dentin-predentin complex and its permeability: pathology and treatment overview. *J Dent Res* 64 Spec No: 621-7.
- Mjor, I.A. (2009). Dentin permeability: the basis for understanding pulp reactions and adhesive technology. *Braz Dent J* 20(1): 3-16.
- Nishitani, Y., Yoshiyama, M., *et al.* (2006). Effects of resin hydrophilicity on dentin bond strength. *J Dent Res* 85(11): 1016-21.
- O'Brien, W. (1997). *Impression materials. Dental materials and their selection,* Quintessence publishing: 123-146.
- Orchardson, R. (1978). An electrophysiological investigation of the sensitivity of intradental nerves in the cat to changes in the ionic composition of extracellular fluid. *Arch Oral Biol* 23(6): 471-5.
- Orchardson, R. and Cadden, S.W. (2001). An update on the physiology of the dentine-pulp complex. *Dent Update* 28(4): 200-6, 208-9.

- Outhwaite, W.C., Livingston, M.J., *et al.* (1976). Effects of changes in surface area, thickness, temperature and post-extraction time on human dentine permeability. *Arch Oral Biol* 21(10): 599-603.
- Pashley, D.H., Livingston, M.J., *et al.* (1978). Regional resistances to fluid flow in human dentine in vitro. *Arch Oral Biol* 23(9): 807-10.
- Pashley, D.H., Nelson, R., *et al.* (1982). The effects of plasma and salivary constituents on dentin permeability. *J Dent Res* 61(8): 978-81.
- Pashley, D.H., Kepler, E.E., *et al.* (1984). The effect on dentine permeability of time following cavity preparation in dogs. *Arch Oral Biol* 29(1): 65-8.
- Pashley, D.H. (1985). Dentin-predentin complex and its permeability: physiologic overview. *J Dent Res* 64 Spec No: 613-20.
- Pashley, D.H. (1986). Dentin permeability, dentin sensitivity, and treatment through tubule occlusion. *J Endod* 12(10): 465-74.
- Pashley, D.H., Tay, F.R., *et al.* (2007). From dry bonding to water-wet bonding to ethanol-wet bonding. A review of the interactions between dentin matrix and solvated resins using a macromodel of the hybrid layer. *Am J Dent* 20(1): 7-20.
- Phillips, R.W. (1991). Inelastic impression materials. Compound. Zinc oxide - eugenol. *Skinner's science of dental materials. The united state of america*: 93.
- Power, J. and Wataha, J. (2008). Impression materials. *Dental materials properties and manipulation*: 168-201.
- Rensburg, B.G. (1995). Dentine. *Oral biology dentine. Chicago, Quintessence publishing*: 271-80.
- Rensburg, B.G. (1995). Development of dentine. *Oral biology dentine. Chicago, Quintessence publishing*: 263-269.

Sasazaki, H. and OKuda, R. (1995). Effect of etching on the exudation of internal fluids. Proceeding of the International Conference on Dental/Pulp Complex, Tokyo.

Smith, A.J. (2002). Dentin formation and repair. Seltzer and Bender's dental pulp. Hargreves, KM. and Goodis, H.E. Chicago, Quintessence publishing: 41-60.

Stetler-Stevenson, W.G. and Veis, A. (1987). Bovine dentin phosphophoryn: calcium ion binding properties of a high molecular weight preparation. Calcif Tissue Int 40(2): 97-102.

Sumikawa, D.A., Marshall G.W., *et al.* (1999). Microstructure of primary tooth dentin. Pediatr Dent 21(7): 439-44.

Tanaka, T. (1980). The origin and localization of dentinal fluid in developing rat molar teeth studied with lanthanum as a tracer. Arch Oral Biol 25(3): 153-62.

Thomas, H.F. (1985). The dentin-predentin complex and its permeability: anatomical overview. J Dent Res 64 Spec No: 607-12.

Vongsavan, N. and Matthews, B. (1992). Fluid flow through cat dentine in vivo. Arch Oral Biol 37(3): 175-85.

Warfvinge, J., Dahlen. G., *et al.* (1985). Dental pulp response to bacterial cell wall material. J Dent Res 64(8): 1046-50.