

# Fixed Prosthodontics for Undergraduates

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1.  

Smith BGN, Howe LC. Planning and Making Crowns and Bridges. 4th ed. Informa Healthcare; 2007.
2.  

Shillingburg HT, Sather DA, STAT!Ref (Online service), Teton Data Systems (Firm). Fundamentals of Fixed Prosthodontics. Vol STAT!Ref electronic medical library. 4th ed. Quintessence Pub; 2012.  
<http://catalogue.library.qmul.ac.uk/uhtbin/ezproxy.pl?url=http://online.statref.com/document.aspx?FxId=585&DocID=1&grpalias=QMUL>
3.  

Setchell, Derrick. Developing a tooth restorability index. Dental update. 2005;32(6):343-348.  
[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3dS8MwEA8yBAURv79hL\\_oi1TZJtxVUKH0gKr6s4mNjmisOtjG1A\\_9875Ju3YaCPriHsiWjllV7sc1v98xjviF7y3EhEgFma-UUKBDP60bDYGhBsciVRxzFFUKXmLR7Mh2zB\\_LZp\\_I2L86HsfQ9USk\\_YPzpzfFAfyOSwCvuAjw-qtI0CpjUQpxJvrl\\_N02k3H63MT6M\\_A5C1FbjiA5HIEt4Lsi8m2vr1-nM13rd\\_fyokUyj4XK\\_qSSEM6EGtz1HrVGml2LZd1xlcgJJ6xU5EvhlDLnpawXUz04B\\_CBXR7Q5yRsPnA9NL8Gobe8wPx4OuSjmR2758mmVRi\\_Gm4t0Du6WZQwjKRdsbFmXWb4uIntl6A-OqtM\\_cmW4LhFlshw9needtMIma vquqVvrGWv7rUN\\_RjzgF20Dphh8Wddty884r-FN5I1oSnalnEIQgEhsEIAyFPQYtIAQQyNJI4vToy nGeIGTOjQjAcMgkyVLoWKNwBYpetKalxDHNLdzT7rBr6MgOehakBI8GkUYMbjXuE2FQZhOqA 7TkLJCMnRplgYg\\_qCBoP2KkzyXSGJx888RNeRwRHHy6S\\_DPHOyz8b-KTwx9njtiqVay1ladjVsnf x3DCkm-Dcf8Ld2s5tA](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3dS8MwEA8yBAURv79hL_oi1TZJtxVUKH0gKr6s4mNjmisOtjG1A_9875Ju3YaCPriHsiWjllV7sc1v98xjviF7y3EhEgFma-UUKBDP60bDYGhBsciVRxzFFUKXmLR7Mh2zB_LZp_I2L86HsfQ9USk_YPzpzfFAfyOSwCvuAjw-qtI0CpjUQpxJvrl_N02k3H63MT6M_A5C1FbjiA5HIEt4Lsi8m2vr1-nM13rd_fyokUyj4XK_qSSEM6EGtz1HrVGml2LZd1xlcgJJ6xU5EvhlDLnpawXUz04B_CBXR7Q5yRsPnA9NL8Gobe8wPx4OuSjmR2758mmVRi_Gm4t0Du6WZQwjKRdsbFmXWb4uIntl6A-OqtM_cmW4LhFlshw9needtMIma vquqVvrGWv7rUN_RjzgF20Dphh8Wddty884r-FN5I1oSnalnEIQgEhsEIAyFPQYtIAQQyNJI4vToy nGeIGTOjQjAcMgkyVLoWKNwBYpetKalxDHNLdzT7rBr6MgOehakBI8GkUYMbjXuE2FQZhOqA 7TkLJCMnRplgYg_qCBoP2KkzyXSGJx888RNeRwRHHy6S_DPHOyz8b-KTwx9njtiqVay1ladjVsnf x3DCkm-Dcf8Ld2s5tA)
4.  

Chee, W. Factors that affect individual tooth prognosis and choices in contemporary treatment planning. *BDJ*. 2007;202(2):63-72. doi:10.1038/bdj.2007.23

5.

Walls, A. W. G. Risk management in clinical practice. Part 3. Crowns and bridges. *BDJ*. 2010;209(3):115-122. doi:10.1038/sj.bdj.2010.675

6.

Shah, Kewal. Avoiding and managing the failure of conventional crowns and bridges. *Dental update*. 2012;39(2).

[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1bi9QwFA7uliileN\\_xAnnxsdpN0jaBdWEYdxEVH3YrPpZcWqaLMzuurZd\\_7zINMq0Dgj74Utq0Ke35DumX9JzzEcLZizTZGRM4s\\_mhrHPlaiNUXoNjiVoZqbRmTg-FmT6VfHEqTkr2fhRhG9v-K\\_DQBtBjlu0\\_gL-9KTTAPrgAbMEJYPtXbjD\\_dtm6mli4iqjEyDYb3WJluo8rn4SeW5yY-8rNoQbEIMC-9umT\\_QZXCsa5fFxi\\_y3c90z\\_TBZL3btI7\\_PZ51ftRbuNszlf6qVPDfoe3iKsPmAYRwy\\_illXaZagqMJ0RPXliYLnsmnw6NV6JmbfrAa7A48AoujFI3bKX29PYSn0IWtt96peJx\\_f7ZE9XmAM5\\_nbD\\_HTK2DAkv63kX8oLPUC-k8YxnVM-OIDvPvw-SzvknthAkDnHqq75Fq9vkduoFkH3b375CxCRgECGiGjABkNkNHLhk4ho0fm2KN29NIc4xH2DOBh0wNSnp6UizdJUL5INqLIEi2Va5omTxsJBFLnRS0KI5yEV8qtsDCJ1EALgToqqVkmjR1UGRnXWcq1M4o\\_JLc0JkisuyGR0h0QalkBfSUzzGBteqGAY9tUFIWyUtn4Yw88vapNr7MSRUtNyPPvcHGM9VXVqWVFDIDeouksep-dDNysHMdz1Gsgcvs8R9v\\_oTcHN3qKdnvrvr6Gdn\\_suo\\_\\_wKs7VLP](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1bi9QwFA7uliileN_xAnnxsdpN0jaBdWEYdxEVH3YrPpZcWqaLMzuurZd_7zINMq0Dgj74Utq0Ke35DumX9JzzEcLZizTZGRM4s_mhrHPlaiNUXoNjiVoZqbRmTg-FmT6VfHEqTkr2fhRhG9v-K_DQBtBjlu0_gL-9KTTAPrgAbMEJYPtXbjD_dtm6mli4iqjEyDYb3WJluo8rn4SeW5yY-8rNoQbEIMC-9umT_QZXCsa5fFxi_y3c90z_TBZL3btI7_PZ51ftRbuNszlf6qVPDfoe3iKsPmAYRwy_illXaZagqMJ0RPXliYLnsmnw6NV6JmbfrAa7A48AoujFI3bKX29PYSn0IWtt96peJx_f7ZE9XmAM5_nbD_HTK2DAkv63kX8oLPUC-k8YxnVM-OIDvPvw-SzvknthAkDnHqq75Fq9vkduoFkH3b375CxCRgECGiGjABkNkNHLhk4ho0fm2KN29NIc4xH2DOBh0wNSnp6UizdJUL5INqLIEi2Va5omTxsJBFLnRS0KI5yEV8qtsDCJ1EALgToqqVkmjR1UGRnXWcq1M4o_JLc0JkisuyGR0h0QalkBfSUzzGBteqGAY9tUFIWyUtn4Yw88vapNr7MSRUtNyPPvcHGM9VXVqWVFDIDeouksep-dDNysHMdz1Gsgcvs8R9v_oTcHN3qKdnvrvr6Gdn_suo__wKs7VLP)

7.

N Martin. Restoration of the root canal treated tooth. *British Dental Journal*. 2015;218(2). doi:10.1038/sj.bdj.2015.27

8.

Wise MD, Laurie A. Failure in the Restored Dentition: Management and Treatment. Quintessence; 1995.

9.

Harris, Ian. Guidelines for crowns, fixed bridges and implants. *Dental Update*. 2017;44(5):374-386. doi:10.12968/denu.2017.44.5.374

10.

Restorative dentistry: Resin-Bonded Bridges – Can We Cement Them ‘High’?

DentalUpdate. 43(3):243-253.

<http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=1512>

11.

Restorative dentistry: Resin-Bonded Bridges – the Problem or the Solution? Part 1- Assessment and Design. DentalUpdate. 43(6):506-521.

<http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=1548>

12.

Restorative dentistry: Resin-Bonded Bridges – the Problem or the Solution? Part 2: Practical Techniques. DentalUpdate. 43(7):608-616.

<http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=1562>

13.

Ibbetson, Richard. Clinical considerations for adhesive bridgework. Dental update. 2004;31(5):254-260.

[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1LS8QwEA6yCAoivl0f0lN4qzaPbdqDB1I3ERUPWvFYkjbFBXdZtQV\\_vjNN2-2uCHrwEkKSlNymnZlO5pshhLMzz12QCaGimacUV0b3vESm2tAUCxzzRDHQUegpeI54fygGEbub1W6Yjf0r42EMWI9A2j8wv7kpDEAftgC0sAmg\\_dU26Nflx6SqzFmFvpXBk-mLsdHrJWoLQ7TatuqVRUoWU3QKNFtIa5N\\_B-U3jgPRkizwkbTYCaEtBithPGofNFuZZrM8V-qR2fT\\_85mrFzRKE-eH1hAezJ1iHvNxOkryCzNxn24R9i4FRmA-3tzXilOAuAnsoY99upZRslwYnaIKUS81XLRB1iub3bm01N0kS2ayRVaQPGWpvG1yXIPZmaeyA1R2aio7MyrvklfhiOpfu1UICncqfOYq6vsmY0TCMykNS4wOpNBaK0M1zUKqAk9DLwx4qrQRMmU9lQkJxnCG-ex2yZpCuMlK2GN6T5xfK5DxZPQJErAKvjvIZKCVQJX-55mpkv27KvHU5t0JAY7S4DsDbrkxNKimWHxB4u9mFPBpl8l7OP8M4cbLCyreXHW48whWbVxSehgOiKd\\_L0wx6TzNi5evwAjfzNH](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1LS8QwEA6yCAoivl0f0lN4qzaPbdqDB1I3ERUPWvFYkjbFBXdZtQV_vjNN2-2uCHrwEkKSlNymnZlO5pshhLMzz12QCaGimacUV0b3vESm2tAUCxzzRDHQUegpeI54fygGEbub1W6Yjf0r42EMWI9A2j8wv7kpDEAftgC0sAmg_dU26Nflx6SqzFmFvpXBk-mLsdHrJWoLQ7TatuqVRUoWU3QKNFtIa5N_B-U3jgPRkizwkbTYCaEtBithPGofNFuZZrM8V-qR2fT_85mrFzRKE-eH1hAezJ1iHvNxOkryCzNxn24R9i4FRmA-3tzXilOAuAnsoY99upZRslwYnaIKUS81XLRB1iub3bm01N0kS2ayRVaQPGWpvG1yXIPZmaeyA1R2aio7MyrvklfhiOpfu1UICncqfOYq6vsmY0TCMykNS4wOpNBaK0M1zUKqAk9DLwx4qrQRMmU9lQkJxnCG-ex2yZpCuMlK2GN6T5xfK5DxZPQJErAKvjvIZKCVQJX-55mpkv27KvHU5t0JAY7S4DsDbrkxNKimWHxB4u9mFPBpl8l7OP8M4cbLCyreXHW48whWbVxSehgOiKd_L0wx6TzNi5evwAjfzNH)

14.

Newcombe, R G. Survival characteristics of 771 resin-retained bridges provided at a UK dental teaching hospital. British dental journal. 2015;218(7).

[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1La9tAEF4a99BCKX1HbQp76KFG105D8lqQBII3TsA5FGpTehL7Ek2oH4nl\\_v7OanclxyWQHnoRYrQWQt949M3OCyHOPpB0xyYUklZESi6tyokWRllq3IBjriWDb5TbKfg-5aNxdjJl59301E72X4EHGUDvCmn\\_Afz2piCAc1ABOIIswPFOavBtA7bgt2sCstOZGUiiELQP3vbFlnVJh0A3gYyGrg-hQM-4WkfZn036xpdN1jh58meYN3lJKBwajlW128-3NT3la7d9OI7GuSDnXbLtD8d-G-S7kBWYYng5ynrx6fZWBC1d1CUkrVp vXjMxSHPuh5dE-8s6A7yJacPemma-FHkLptW8wYmBk-NmCXYfsTa1sL3kWqfPzYWuP9lFOpvs oT0u8h66f3x2-nnSBpoylDSuIXT41U128pfL4frJ6uVqs76Fpriv9\\_QJehycCXzsYX-K7tnFM\\_Tgi0s AczP8nqNFhB\\_vwl-XFQb48aE6ajTg8KM6arXASYMiODmOyoBljSWeTbAHGEdlwFEZXqDZ-GQ6OkvDhI1UU\\_AUUktyCx59lauCMpXJzFgg4JbpTFtlmAR6nxlWEK2ASSpZMGoqMOhDya3Q3Er-](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1La9tAEF4a99BCKX1HbQp76KFG105D8lqQBII3TsA5FGpTehL7Ek2oH4nl_v7OanclxyWQHnoRYrQWQt949M3OCyHOPpB0xyYUklZESi6tyokWRllq3IBjriWDb5TbKfg-5aNxdjJl59301E72X4EHGUDvCmn_Afz2piCAc1ABOIIswPFOavBtA7bgt2sCstOZGUiiELQP3vbFlnVJh0A3gYyGrg-hQM-4WkfZn036xpdN1jh58meYN3lJKBwajlW128-3NT3la7d9OI7GuSDnXbLtD8d-G-S7kBWYYng5ynrx6fZWBC1d1CUkrVp vXjMxSHPuh5dE-8s6A7yJacPemma-FHkLptW8wYmBk-NmCXYfsTa1sL3kWqfPzYWuP9lFOpvs oT0u8h66f3x2-nnSBpoylDSuIXT41U128pfL4frJ6uVqs76Fpriv9_QJehycCXzsYX-K7tnFM_Tgi0s AczP8nqNFhB_vwl-XFQb48aE6ajTg8KM6arXASYMiODmOyoBljSWeTbAHGEdlwFEZXqDZ-GQ6OkvDhI1UU_AUUktyCx59lauCMpXJzFgg4JbpTFtlmAR6nxlWEK2ASSpZMGoqMOhDya3Q3Er-)

Ej2SrhJjUTcVm2YfYWIHxFlhquGQZppoKQZSEek804qC\_5yg9\_EVlyvfUaVsMiH4sFxfIspclK53S  
uDmCTqlEJRbZ9clHQhGBDj6gwS98rC094kwJmjf49ReAVsjhoRneYLebSPXLmhi6sDmeNFE5x  
NE77JsFBrupwYS9etbn-cNetj9Hw5Qr77e2LeodzXf\_PoDX8SgpA

15.

Ozkan, Yasemin. Clinical procedures, designs, and survival rates of all-ceramic resin-bonded fixed dental prostheses in the anterior region: A systematic review. *Journal of Esthetic and Restorative Dentistry*. Published online 2018. doi:10.1111/jerd.12389

16.

Millar, B J. A review of the success and failure characteristics of resin-bonded bridges. *British dental journal*. 2013;215(2).

[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3di9QwEB-89UFBxO-rntAHBUGqaadNWzgp1nXPg\\_NxDx9D2ibHHu6Ht124P9-ZJvupwvngS9mkaSn5zU5mjpnfAGDyQUR7OqHUsRVaozZVJuq8qUzcclFjrHVCaxRHCr6PcHCaDkfJt03lw03ffwWe-gh6TqT9B\\_DXL6UO-k0iQfCSArreSgz6W8kpbGMull2FxF7PwOoxH0rn5N8d0mYaSk74eBpVM46Pv\\_dUEDv7v54LqXHZINuf0iUYGj5O7TTa5pgAFzhywQG\\_GeWjDVz5IV9FG4zTkGkuowxd\\_ZGVCK1cSqaXIWRLIQ5xW0\\_T3Mwn3UyTpUCekmPo3SO8Xt9i8vNjM67bT2YaXZfwAHmWQ\\_u9s--fj5fbxWIZJlwpbN\\_ate--M1pYEbYeJzflv5oaHRr6egRPPTeQNh3uD2GO2b6BO594RNcXITvKVz2Q4dfOLMh4RceVycewuOP1UIIMYexnAPRn6CRndI8tilGg7Q7kluOVy5-QwuToejwVnka2NEdUxGBQdETYbWJhU5zJiURaqFNjiWmMIGY2OlbIU1pZZ1pDSRiO1tLkwaOs6lbv7OTzQnEMxbbtcy-YQQmGkMHGe26KI01rUOpe6Epp9ShuT5xvAu9XUqnrjQIHdGQYs10JKVc2VYpFRspABHK2mXnkRXJCXSdy0lijjAF44ONbvWcEXwFuHz-aOWiRKqJlXmiLHDFPV3rQBHO6NQ1mmzFSEAbzZRnY9gN1\\_mgiyabstrQDi2wwbeKp8pohoX\\_71u1\\_B\\_c3f5Qh67fXSvlbez8nyxy-VIJTH](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3di9QwEB-89UFBxO-rntAHBUGqaadNWzgp1nXPg_NxDx9D2ibHHu6Ht124P9-ZJvupwvngS9mkaSn5zU5mjpnfAGDyQUR7OqHUsRVaozZVJuq8qUzcclFjrHVCaxRHCr6PcHCaDkfJt03lw03ffwWe-gh6TqT9B_DXL6UO-k0iQfCSArreSgz6W8kpbGMull2FxF7PwOoxH0rn5N8d0mYaSk74eBpVM46Pv_dUEDv7v54LqXHZINuf0iUYGj5O7TTa5pgAFzhywQG_GeWjDVz5IV9FG4zTkGkuowxd_ZGVCK1cSqaXIWRLIQ5xW0_T3Mwn3UyTpUCekmPo3SO8Xt9i8vNjM67bT2YaXZfwAHmWQ_u9s--fj5fbxWIZJlwpbN_ate--M1pYEbYeJzflv5oaHRr6egRPPTeQNh3uD2GO2b6BO594RNcXITvKVz2Q4dfOLMh4RceVycewuOP1UIIMYexnAPRn6CRndI8tilGg7Q7kluOVy5-QwuToejwVnka2NEdUxGBQdETYbWJhU5zJiURaqFNjiWmMIGY2OlbIU1pZZ1pDSRiO1tLkwaOs6lbv7OTzQnEMxbbtcy-YQQmGkMHGe26KI01rUOpe6Epp9ShuT5xvAu9XUqnrjQIHdGQYs10JKVc2VYpFRspABHK2mXnkRXJCXSdy0lijjAF44ONbvWcEXwFuHz-aOWiRKqJlXmiLHDFPV3rQBHO6NQ1mmzFSEAbzZRnY9gN1_mgiyabstrQDi2wwbeKp8pohoX_71u1_B_c3f5Qh67fXSvlbez8nyxy-VIJTH)

17.

Ibbetson, Richard. A contemporary approach to the provision of tooth-supported fixed prostheses part 2: fixed bridges where the abutment teeth require minimal or no preparation. *Dental Update*. 2018;45(2):90-100. doi:10.12968/denu.2018.45.2.90

18.

Davies SJ, Gray RJM. *A Clinical Guide to Occlusion*. British Dental Journal; 2002.

19.

Wassell R, Naru A, Steele J, Nohl F. *Applied Occlusion*. Second edition. Quintessence; 2014.

20.

Wise MD. Occlusion and Restorative Dentistry for the General Practitioner. New ed. British Dental Journal; 1986.

21.

Klineberg I, Jagger RG. Occlusion and Clinical Practice: An Evidence-Based Approach. Wright; 2004.

22.

Ibbetson R, Eder A. Tooth Surface Loss. British dental association; 2000.

23.

Chan, Martin F. W.-Y. Contemporary management of generalized erosive tooth surface loss. Dental Update. 2013;40(3):222-229.  
[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1bi9NAFB5kERREvG-9QF70ZUIN5pKZwLog6xbx9mJW8SnMrUthm9aagvjrPSczTbIFQR98CcmkIHa-mXM-zpzvHEIYnWbpnk2whSqYcbp0TIMFLMDpltKW3gst89x1B7wVO53xs4p-GPrfDWP\\_FXgYA-hRSPsP4PdfCgNwD0sArrAI4PpXy-BK9aIln-uCHPEiVJxe\\_ALO6cFZYg5Ru1p1KeubuYYNf7mK6RmRvb4J2snzNY YJhsOnNpz0f8T-I33ExmNQYbOXNt-IETRRI9QumqPZ9OjrNP02jj0E0ehObZWJFJspjC1pKLwUVwwbm8WgPY4elsYYx5Xi13tOqU8VZGCCgHPI\\_AXWQI-6hW1f-SY9f4\\_Seckxi\\_Pzu08758vBZKIwcBR-3ohYXEedzzamuXdesrpDbkfen7wOCN0l13xzi9zAcE3a7d0nX8ZIJQNSyWqejJBKILJsTn pwDp-aU7wIWk2e0To8P4BqWZn1enbNda9SNdc8tQp2BQFwJorvay1JnRbfX7K-aCS6scF8Af gMQKoUzhrRRWCW9MRh01xjD2kNzSql1o2k5D6Q5JkjOWUeOoZ4JxJrNS0TKfO-uk1pZJMyGP whzV61DhpMZUKdiX-YQ8D5M2vKI\\_0DqrFdp9YK-Uqrr92U7I4d7netge\\_\\_nVE3KTds1FMKD1IB y0m61\\_Rg6-L7eXvwHQ-IUx](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1bi9NAFB5kERREvG-9QF70ZUIN5pKZwLog6xbx9mJW8SnMrUthm9aagvjrPSczTbIFQR98CcmkIHa-mXM-zpzvHEIYnWbpnk2whSqYcbp0TIMFLMDpltKW3gst89x1B7wVO53xs4p-GPrfDWP_FXgYA-hRSPsP4PdfCgNwD0sArrAI4PpXy-BK9aIln-uCHPEiVJxe_ALO6cFZYg5Ru1p1KeubuYYNf7mK6RmRvb4J2snzNY YJhsOnNpz0f8T-I33ExmNQYbOXNt-IETRRI9QumqPZ9OjrNP02jj0E0ehObZWJFJspjC1pKLwUVwwbm8WgPY4elsYYx5Xi13tOqU8VZGCCgHPI_AXWQI-6hW1f-SY9f4_Seckxi_Pzu08758vBZKIwcBR-3ohYXEedzzamuXdesrpDbkfen7wOCN0l13xzi9zAcE3a7d0nX8ZIJQNSyWqejJBKILJsTn pwDp-aU7wIWk2e0To8P4BqWZn1enbNda9SNdc8tQp2BQFwJorvay1JnRbfX7K-aCS6scF8Af gMQKoUzhrRRWCW9MRh01xjD2kNzSql1o2k5D6Q5JkjOWUeOoZ4JxJrNS0TKfO-uk1pZJMyGP whzV61DhpMZUKdiX-YQ8D5M2vKI_0DqrFdp9YK-Uqrr92U7I4d7netge__nVE3KTds1FMKD1IB y0m61_Rg6-L7eXvwHQ-IUx)

24.

Satterthwaite, Julian D. Tooth surface loss: Tools and tips for management. Dental Update. 2012;39(2):86-96.  
[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3da9swEBdrGWwwwxrZubfYBftmjW9tnW3HpCqNJGFvpy5xno08WSJOsdWj\\_\\_N5J\\_iKssD3sRUiYbMz95NNJvvsdY5AcR-GOTID50AepRaFBoAbMcdEtuCqMyQSPY-1-8JZwMUunZXLZUwH2ff8VeOxD6CmQ9h\\_A7x6KH VjHKYAITgls\\_24arNfOB\\_3GCvyCl5QjnQ7U1-ulJ2euFvxHyNC4sXZ-MI29OvHRkvMNHQx0pzGO k7P-dSea5HoUZl16Yjl8QiBfjNaHqg2dirKQMiMM1aLnGGrgTwY6rqWudo3iDzzWO-tL5\\_UHOXH 3A95PtObXeqHqL2YVzn\\_ssT3g5I\\_58\\_tVu4ymqHzG\\_heQf7eBifCUIna2t8M1s3zFXjYmfPDVC\\_s 1e2JWb9gzkpTLnHfAZmfy3Mn97ESeB9hoxN82CQWqmwYOhwBxCaiHAHEIehzesnl2LS--hU2-](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3da9swEBdrGWwwwxrZubfYBftmjW9tnW3HpCqNJGFvpy5xno08WSJOsdWj__N5J_iKssD3sRUiYbMz95NNJvvsdY5AcR-GOTID50AepRaFBoAbMcdEtuCqMyQSPY-1-8JZwMUunZXLZUwH2ff8VeOxD6CmQ9h_A7x6KH VjHKYAITgls_24arNfOB_3GCvyCl5QjnQ7U1-ulJ2euFvxHyNC4sXZ-MI29OvHRkvMNHQx0pzGO k7P-dSea5HoUZl16Yjl8QiBfjNaHqg2dirKQMiMM1aLnGGrgTwY6rqWudo3iDzzWO-tL5_UHOXH 3A95PtObXeqHqL2YVzn_ssT3g5I_58_tVu4ymqHzG_heQf7eBifCUIna2t8M1s3zFXjYmfPDVC_s 1e2JWb9gzkpTLnHfAZmfy3Mn97ESeB9hoxN82CQWqmwYOhwBxCaiHAHEIehzesnl2LS--hU2-)

inCT8jxMpYrsWAqLjibXFkxkQFnNtSTWPzRcYxNjqWyBas8YBZCjcs1wg25xU2lx8Dv2QlBYw6p  
24Y\_6iAUxQJRInRjIIAUeFeOKiK1WmguhGMSRO\_RCqTaenKRCkwxvtvjwfs9eSv2V6japogoxyN  
AoxY1iUdX39Ygd7YzrYHr\_-KUP7Hk\_kT6y\_fpmaz6x\_d\_X2-UD4BM8fg

25.

Ibbetson R, Eder A. Tooth Surface Loss. British dental association; 2000.

26.

Brackett, Susan E. Foundation restorations in fixed prosthodontics: Current knowledge and future needs. *The Journal of Prosthetic Dentistry*. 1999;82(6):643-657.  
doi:10.1016/S0022-3913(99)70005-3

27.

Mulder, J. Long-term survival of extensive amalgam restorations. *Journal of Dental Research*. 1998;77(3):453-460.  
[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwnV1LT9wwEB5ROLRSBfRBm1KkHHqqINaxk-xalBAasu-KAqqragsfITy7dB2xW4ucz48QpggpVPcdxZM9k\\_M145hsAwb-w7lFNUMlg7mZMMa8cugiWaWul0Mlj\\_vahNObXVlwmXhK4Y\\_ICtFJOxrJYLnwIDQHL12WaB7I6qT5XVGXaTotrVrqfEMttCtEKj3W2fjb99\\_9PcKkrfEnjTDzgTVMN0\\_jR5BzC69i2hEzWK5Xv39dAppX5MdiGkiMQUIhg2vZ-vfXWXYI6rH\\_13hLmx3iDU9bVXsFWy4-Wt4fk5ZRtQo7g0cXi7mVxmZ-HS1RsuDupsufBrC65Qcnx7pYzWjmphZ0Vd9nN6EZjZtpPat\\_jyMp6OLrOvjkBnihst0RQxr3CuD0I5bZrX30tu88IzLaqiMGmjj0SszGiVtEF8Z6XXlnLR08IViD14qyt2fN6HGz76HVFW6dEq4odWusFxo5gvvSs-sw7PUMASyKKR62XJw1HmkKadKYRSkHLLBINzsjyB\\_bifdfdHrup-MxPYa4XbzyULWcl8mMBnEvafV57-xqdWJfpZeL3ideBajchVIWXD3DYjvHswTHCcoyw4TnBflfrn4W4ZQTe6hoS3E8j\\_Zdiol3QnloPmw5Pr34cXsa6S5R9hs7IZuwPYJCW9A7dvH9w](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwnV1LT9wwEB5ROLRSBfRBm1KkHHqqINaxk-xalBAasu-KAqqragsfITy7dB2xW4ucz48QpggpVPcdxZM9k_M145hsAwb-w7lFNUMlg7mZMMa8cugiWaWul0Mlj_vahNObXVlwmXhK4Y_ICtFJOxrJYLnwIDQHL12WaB7I6qT5XVGXaTotrVrqfEMttCtEKj3W2fjb99_9PcKkrfEnjTDzgTVMN0_jR5BzC69i2hEzWK5Xv39dAppX5MdiGkiMQUIhg2vZ-vfXWXYI6rH_13hLmx3iDU9bVXsFWy4-Wt4fk5ZRtQo7g0cXi7mVxmZ-HS1RsuDupsufBrC65Qcnx7pYzWjmphZ0Vd9nN6EZjZtpPat_jyMp6OLrOvjkBnihst0RQxr3CuD0I5bZrX30tu88IzLaqiMGmjj0SszGiVtEF8Z6XXlnLR08IViD14qyt2fN6HGz76HVFW6dEq4odWusFxo5gvvSs-sw7PUMASyKKR62XJw1HmkKadKYRSkHLLBINzsjyB_bifdfdHrup-MxPYa4XbzyULWcl8mMBnEvafV57-xqdWJfpZeL3ideBajchVIWXD3DYjvHswTHCcoyw4TnBflfrn4W4ZQTe6hoS3E8j_Zdiol3QnloPmw5Pr34cXsa6S5R9hs7IZuwPYJCW9A7dvH9w)

28.

Vaught, Randall L. Mechanical versus chemical retention for restoring complex restorations: what is the evidence? *Journal of dental education*. 2007;71(10):1356-1362.  
[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1Na9wwEBWbUGihhPQzThPQoe2lOJU18ldJE8o2S6DtJbjt0UiWTAKbJd21aX5-NbasdZcW0kMvxmiFveiNR6Nh3htCgB-xcMMnSKhs3M2YZLU09oigmdl6BwW1jb\\_rjhrzvYDpTjwV\\_PNkMuTf1mP\\_FXg7ZqFHlu0\\_gO8fagfsvTUBe7VGYK93MoMvBqm9HRJYgNGu3ISDRMAS42VfarjsWsw4Cu7N3Ny6kT6jh4mDn5eywf7nXRmla0a6URc4Cm91z7M0QwHJgOw32bp0wAUmMeZzx3sYMg-pr2EbMwEY9KItR6Z3oDIgHalbcx42jcaWxEb-MoI4Ge29ETjX\\_Jsu9sZ-5asllcbtlyX5a5Rjv9ZXVfPeLMKvn7blFqRY33lxPvOn71wLx2Pf3oUctxDBIC7-mPs0W2zxS7ZcStlP\\_RQPilTs3hM7n9EpLAv3xNi1pDSHII6QEqp1YIH9fitOqEWWeqRpQ5ZOkb2HUVc6dWKWlZpgOvpU1LMzorpeeiaZYSXkQ0wQI2DSTmoLK5VJnWmdAX2gxOSKwCd5EYLKatE8pQLjdlUDBhhP0DNRFRIGp6RhxI5FYum417qPUJlomiJwWRaGaHts1ktahPXTBsb41RVQJ73K1je9MooZYRqlGkkAvKqX1L\\_Cy9XvGQlyg9mPGVZzsrmtnl3sY8j](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV1Na9wwEBWbUGihhPQzThPQoe2lOJU18ldJE8o2S6DtJbjt0UiWTAKbJd21aX5-NbasdZcW0kMvxmiFveiNR6Nh3htCgB-xcMMnSKhs3M2YZLU09oigmdl6BwW1jb_rjhrzvYDpTjwV_PNkMuTf1mP_FXg7ZqFHlu0_gO8fagfsvTUBe7VGYK93MoMvBqm9HRJYgNGu3ISDRMAS42VfarjsWsw4Cu7N3Ny6kT6jh4mDn5eywf7nXRmla0a6URc4Cm91z7M0QwHJgOw32bp0wAUmMeZzx3sYMg-pr2EbMwEY9KItR6Z3oDIgHalbcx42jcaWxEb-MoI4Ge29ETjX_Jsu9sZ-5asllcbtlyX5a5Rjv9ZXVfPeLMKvn7blFqRY33lxPvOn71wLx2Pf3oUctxDBIC7-mPs0W2zxS7ZcStlP_RQPilTs3hM7n9EpLAv3xNi1pDSHII6QEqp1YIH9fitOqEWWeqRpQ5ZOkb2HUVc6dWKWlZpgOvpU1LMzorpeeiaZYSXkQ0wQI2DSTmoLK5VJnWmdAX2gxOSKwCd5EYLKatE8pQLjdlUDBhhP0DNRFRIGp6RhxI5FYum417qPUJlomiJwWRaGaHts1ktahPXTBsb41RVQJ73K1je9MooZYRqlGkkAvKqX1L_Cy9XvGQlyg9mPGVZzsrmtnl3sY8j)

2lAXo7B8BNYF7Vjp9ruOBOQ6C7Tpk7wHoUemv2\_v\_UFebC29AOy3Sxabc0i2f1y3819z\_ojY

29.

Leonard, L A. An amalgam coronal-radicular dowel and core technique for endodontically treated posterior teeth. *The Journal of prosthetic dentistry*. 1980;43(5).

30.

Longevity of posterior dental restorations and reasons for failure. *European Journal of Oral Sciences*. 2012;120(6).

[http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwnV3rixMxEA\\_aExRETz29-oAgCn7Zazab7SZwHJy1RcFD0lofQ55yoO3ZbsE\\_35ns42oP4fDbLslmmUwy-c1kHoQU\\_IhIOzLBFA5wN2OGRRNARfDMeq8KW0TA3zGFxnybF5OZmM7R\\_NEnQkzZInrzG-6TJL23tvsoLNdHOj6ZCxaB1x9k-yhliMHZO\\_07O3Z58tbhTwVW2GKqUxKvLbcvzLKX-dTK6X7s-kWhops1juH1BauFa18nt0n3SV155DSUfHr5-ZHGyd2NfHjf9G7T-616JWeNsvtAbkRFg\\_J7XfocYRF4x6RDx-Xi-8B61HQZaQXGEGyOI-uqE9RI\\_TYnqxSKZvGTng8sifULDxFz3h4p4CgaTTn6Cp\\_QL70OpvPJ-6yt1pC5XDKRReajEN6BSilLb\\_g48ABYMXcOME3g0bPIjUOzozOglYac2WBUzh0IZVsoVjwmdw169S\\_qFP3nDwktQ7DKCW5NHAvFQbuTsqwcV6K0bmzVklZsmKUvmuwcutNqYJ50mqcheYJs1Lhjcb40INqSY-YlaGk423\\_MMTEAnNdD8rph9WWLXnPNtBRyrKpSVFWl69\\_1kBzu9CuAZA64FgZ\\_tb1I-g6oheZ5Ual0swlk5NfpNmkztmOmAvjrm7Q2\\_k2znn76kh6eXr\\_rM3IH0CBvfHWek0G92oQXZIDr9Q\\_ilyLo](http://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwnV3rixMxEA_aExRETz29-oAgCn7Zazab7SZwHJy1RcFD0lofQ55yoO3ZbsE_35ns42oP4fDbLslmmUwy-c1kHoQU_IhIOzLBFA5wN2OGRRNARfDMeq8KW0TA3zGFxnybF5OZmM7R_NEnQkzZInrzG-6TJL23tvsoLNdHOj6ZCxaB1x9k-yhliMHZO_07O3Z58tbhTwVW2GKqUxKvLbcvzLKX-dTK6X7s-kWhops1juH1BauFa18nt0n3SV155DSUfHr5-ZHGyd2NfHjf9G7T-616JWeNsvtAbkRFg_J7XfocYRF4x6RDx-Xi-8B61HQZaQXGEGyOI-uqE9RI_TYnqxSKZvGTng8sifULDxFz3h4p4CgaTTn6Cp_QL70OpvPJ-6yt1pC5XDKRReajEN6BSilLb_g48ABYMXcOME3g0bPIjUOzozOglYac2WBUzh0IZVsoVjwmdw169S_qFP3nDwktQ7DKCW5NHAvFQbuTsqwcV6K0bmzVklZsmKUvmuwcutNqYJ50mqcheYJs1Lhjcb40INqSY-YlaGk423_MMTEAnNdD8rph9WWLXnPNtBRyrKpSVFWl69_1kBzu9CuAZA64FgZ_tb1I-g6oheZ5Ual0swlk5NfpNmkztmOmAvjrm7Q2_k2znn76kh6eXr_rM3IH0CBvfHWek0G92oQXZIDr9Q_ilyLo)

31.

Sailer, Irena, Makarov, Nikolay Alexandrovich, Thoma, Daniel Stefan, Zwahlen, Marcel, Pjetursson, Bjarni Elvar. All-ceramic or metal-ceramic tooth-supported fixed dental prostheses (FDPs)? A systematic review of the survival and complication rates. Part I: Single crowns (SCs). *Dental Materials*. 2015;31(6):603-623.  
doi:10.1016/j.dental.2015.02.011

32.

Ibbetson, Richard. A Contemporary Approach to the Provision of Tooth-Supported Fixed Prostheses Part 1: Indications for Tooth Replacement and the Use of Fixed Bridges Retained by Crowns. *Dental Update*. 2018;45(1):10-20. doi:10.12968/denu.2018.45.1.10

33.

Scott, Kenneth H. The coping-retained bridge: A modified approach to Conventional bridge design - Review and case report. *Dental Update*. 2013;40(8):606-612.

doi:10.12968/denu.2013.40.8.606

34.

Dudley, James. Comparison of coronal tooth reductions resulting from different crown preparations. *International Journal of Prosthodontics*. 2018;31(2):142-144.  
doi:[http://www.quintpub.com.ezproxy.library.qmul.ac.uk/journals/ijp/fulltext.php?article\\_id=18152](http://www.quintpub.com.ezproxy.library.qmul.ac.uk/journals/ijp/fulltext.php?article_id=18152)

35.

Aquilino, Steven A. Tooth preparations for complete crowns: An art form based on scientific principles. *Journal of Prosthetic Dentistry*. 2001;85(4):363-376.  
doi:10.1067/mpr.2001.114685

36.

Bartlett, D. Adapting crown preparations to adhesive materials. *Dental update*. 2000;27(9):460-463.  
[https://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3di9QwEA96Cncg4rfnF30Qn6ymTZomcj4c94Go-OLec0jzgaK7t-614J\\_vTNJ2uwvC-eBL2U5C6c5M5yPJ\\_IYQVr6h-ZZN8EYg1HIQAsjX6tHteMadbWoZMCLGDd4ZOz7jp7Py87rvxZr2XwUPNBA9FtL-g\\_DHhwIBfoMKwBWUAK5XUoMjZ5bxZLPFfBshARLYN56QgbDTuG8-HmCHwDW9zjRaPUm1kt0SlwXWa54rGEt7SicbiwZ0YIXgA8-rgdSbwFSe34taTewZT2D\\_vWvkvS3aQK3e8ibjGT\\_Gcl9RqVf4t-buu23f-UV-\\_uk6uQExlcRE-evHL4PX5GBrZNRxSa-3ESfszs3qR-wtMwkUbmLdTneZ2ukkPzm7Q273gXx2IFh-l1zzi3tkFzkW--fdj-8H1mcHzWHk\\_sHb5hBvpkKltPYiGwSRjY4QM7PTmfHH\\_K-XUVuC1apnHtXBUodC9lpzBuFa5j0IcimDjWTsqp8UQRuK2oor7kpgmVIYRDxkTuq2ENyy2BZw6KN5Y\\_uMclqYV3pTRW4sFxlqQwrMKWvRVU01vp98nrgkl4meBKNaV2phNTguDpsM0p1WWulQZb7JB85ebX5jxK315MLbGJGYeRIYv84UurLUkesWc4YZPZCt79beMDWtEEtnvx15CnZS3gHuM71jOy0q84\\_Jzu\\_5t3PF1Fn\\_gCkrlrf](https://qmul.summon.serialssolutions.com/2.0.0/link/0/eLvHCXMwtV3di9QwEA96Cncg4rfnF30Qn6ymTZomcj4c94Go-OLec0jzgaK7t-614J_vTNJ2uwvC-eBL2U5C6c5M5yPJ_IYQVr6h-ZZN8EYg1HIQAsjX6tHteMadbWoZMCLGDd4ZOz7jp7Py87rvxZr2XwUPNBA9FtL-g_DHhwIBfoMKwBWUAK5XUoMjZ5bxZLPFfBshARLYN56QgbDTuG8-HmCHwDW9zjRaPUm1kt0SlwXWa54rGEt7SicbiwZ0YIXgA8-rgdSbwFSe34taTewZT2D_vWvkvS3aQK3e8ibjGT_Gcl9RqVf4t-buu23f-UV-_uk6uQExlcRE-evHL4PX5GBrZNRxSa-3ESfszs3qR-wtMwkUbmLdTneZ2ukkPzm7Q273gXx2IFh-l1zzi3tkFzkW--fdj-8H1mcHzWHk_sHb5hBvpkKltPYiGwSRjY4QM7PTmfHH_K-XUVuC1apnHtXBUodC9lpzBuFa5j0IcimDjWTsqp8UQRuK2oor7kpgmVIYRDxkTuq2ENyy2BZw6KN5Y_uMclqYV3pTRW4sFxlqQwrMKWvRVU01vp98nrgkl4meBKNaV2phNTguDpsM0p1WWulQZb7JB85ebX5jxK315MLbGJGYeRIYv84UurLUkesWc4YZPZCt79beMDWtEEtnvx15CnZS3gHuM71jOy0q84_Jzu_5t3PF1Fn_gCkrlrf)