



HISTORY OF DENTISTRY: DENTAL INSTRUMENTS, TECHNOLOGY & EQUIPMENT

The William Dall porcelain inlay kit (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dental Historian 2025; 70 (1): 43-5
Gum Guillotine Forceps	BDJ 2025; 238(2): 83
Digital is here - what's next? [Log in to the BDA home page and follow the link to the BDJ Portfolio to access]	BDJ In Practice 2025; 38(1): 18
Macfarlane scalers	BDJ 2024; 237(3): 159
Sydney Blackman (1898-1971): a pioneer in dental radiology and radiography [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2023; 235: 736-40
A historical summary of endodontic instruments (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dental Historian 2023; 68 (2): 81-5
Current technology in endodontic instrumentation: advances in metallurgy and manufacture [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2021; 231 (1): 49-57
Radiographic modalities for diagnosis of caries in a historical perspective: from film to machine-intelligence supported systems	Dentomaxillofac Radiol 2021; 50(5): 20210010
From pixel to image analysis	Dentomaxillofac Radiol 2021; 50(2): 20200305
The way we were (and how we got here): fifty years of technology changes in dental and maxillofacial radiology	Dentomaxillofac Radiol 2021; 50(1): 20200133
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Advances in imaging over 100 years: the impact on oral and maxillofacial surgery [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2018; (76): 1387-1399
Dr Coupland 4 May 1901 – 12 May 1936 [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2018; 224(12): 973-975
The evolution of the pedal foot powered dental engine – three dentists and an engineer	Dent Hist 2018; 63(1): 33-38
A history of dental photography	Dent Hist 2017; 62(2): 64-69
The most important invention in the history of dentistry and what it teaches us about the future [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2017; 148(10): 707-708
How visible light curing came into dentistry	Dent Hist 2016; 61(1): 37-47
Instruments used in American oral and maxillofacial surgery: the person behind the name [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2015; 73 (6): 1181.e1-6
Mitchell's trimmer: who was Mitchell and what was he trimming? [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2015; (219): 459-461



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The Gates-Glidden bur: the search continues (request using https://www.smartsurvey.co.uk/s/PJHMY/)	J Hist Dent 2015; 63(1): 22-28
First dental radiograph (1896)	Dent Historian 2015; 59(2): 87-88
Minimal intervention dentistry II: part 1. Contribution of the operating microscope to dentistry [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2014; 216 (3): 125-30
JADA landmark series – how the development of the high-speed turbine handpiece changed the practice of dentistry [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2013; 144 (Spec Issue): 29S-32S
A brief history of LED photopolymerization [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Mater 2013; (29): 605-617
JADA landmark series – the x-ray in dentistry, and the legacy of C. Edmund Kells: A commentary on Kells CE. The X-ray in dental practice. J Natl Dent Assoc 1920; 7(3):241-272 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2013; 144: 138-42
Heroes of radiation (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Prim Dent J 2013; 2: 78-9
What's new in dental instrumentation? (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Dental Health 2013; 52: 19-20
The lost 1896 Clark x-ray images [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2013; 214: 187-90
Charles Stent and the mystery behind the word “stent” (request using https://www.smartsurvey.co.uk/s/PJHMY/)	J Neurosurg 2013; 119(3):774-7
The Bristol dental chair	Dental Hist 2012; 55: 19-25
The history of articulators: the wonderful world of “grinders,” part 2 [Accessible from the Wiley link on this page]	J Prosthodont 2012; 21 (3): 232-252
Early victims of X-rays: a tribute and current perception	Dentomaxillofac Radiol 2011; (40): 123-125
The history of articulators: the “articulator wars” phenomenon with some circumstances leading up to it [Accessible from the Wiley link on this page]	J Prosthodont 2010; 19 (4): 321-333
The history of articulators: the contributions of Rudolph L. Hanau and his company – part I [Accessible from the Wiley link on this page]	J Prosthodont 2010; (19): 409-418
This history of commonly used dental elevators [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2008 (205) 505-508
The thrill of the drill [can be accessed on DOSS free by logging in on this page]	CDS Review 2007 (Sept/Oct) 24
The Fairley collection	Dent Hist 2006 (42) 21-26
The history of articulators: the wonderful world of “grinders.” Part I	J Prosthodont 2006 15(2) 129-140



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[Accessible from the Wiley link [on this page](#)]

History of articulators: Henry L. “Harry” Page and the transograph [Accessible from the Wiley link on this page]	J Prosthodont 2006 15(6) 374-380
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The history of articulators: “scribing” articulators – those with functionally generated custom guide controls, part III [Accessible from the Wiley link on this page]	J Prosthodont 2005 ; 14 (3) : 198-207
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The history of articulators: “scribing” articulators – those with functionally generated custom guide controls, part II [Accessible from the Wiley link on this page]	J Prosthodont 2005 ; 14 (1) : 57-70
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125 years of developments in dentistry, 1880-2005. Part 3: dental equipment and materials [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2005 199(8) 536-539
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Pierre Fauchard and his rôle in the development of obturators [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2005 199(9) 603-605
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The history of articulators: “scribing” articulators: those with functionally generated custom guide controls, part I [Accessible from the Wiley link on this page]	J Prosthodont 2004 ; 13 (2) : 118-128
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The history and development of the dental surveyor – part III [Accessible from the Wiley link on this page]	J Prosthodont 2004 13(3) 195-202
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The first picture of a dental forceps in a printed book	J Calif Dent Assoc 2004 32(3) 235-237
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The history of articulators: a critical review of articulators based on geometric theories of mandibular movement, part II: Rupert Hall’s conical theory [Accessible from the Wiley link on this page]	J Prosthodont 2002 11(3) 211-222
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The history of articulators: a critical history of articulators based on geometric theories of mandibular movement, part III: the “balancer” designs [Accessible from the Wiley link on this page]	J Prosthodont 2002 11(4) 305-320
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The history of articulators: a critical history of articulators based on geometric theories of mandibular movement: part I [Accessible from the Wiley link on this page]	J Prosthodont 2002 11(2) 134-146
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The history and development of the dental surveyor: part I [Accessible from the Wiley link on this page]	J Prosthodont 2002 11(1) 11-18
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The history and development of the dental surveyor: part II [Accessible from the Wiley link on this page]	J Prosthodont 2002 11(2) 122-130
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Some early dental extraction instruments including the pelican, bird or axe?	Aust Dent J 2002 47(2) 90-93
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The history of articulators: the appearance and early use of the incisal-pin and guide [Accessible from the Wiley link on this page]	J Prosthodont 2001 10(1) 52-60
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The history of articulators: unusual concepts or “it seemed to be a great idea at the time!” [Accessible from the Wiley link on this page]	J Prosthodont 2001 10(3) 170-180
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The history of articulators: from facebows to the gnathograph, a brief history of early devices developed for recording condylar movement: part I [Accessible from the Wiley link on this page]	J Prosthodont 2001 10(4) 241-248
The history of articulators: early attempts to reproduce mandibular movement, part II [Accessible from the Wiley link on this page]	J Prosthodont 2000 9(2) 110-112
The history of articulators: the appearance and early history of facebows [Accessible from the Wiley link on this page]	J Prosthodont 2000 9(3) 161-165
The history of articulators: early attempts to reproduce mandibular movement, part III: searching for the solution to a puzzle [Accessible from the Wiley link on this page]	J Prosthodont 2000 9(4) 217-222
The history of articulators: a perspective on the early years, part II [Accessible from the Wiley link on this page]	J Prosthodont 1999 8(4) 277-280
Behind the dentist's drill (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Invention Technology Magazine 1995 11(2)
Rubber dentures for the masses (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Invention Technology Magazine 1991 7(2)
Making darkness visible: the discovery of x-ray and its introduction to dentistry [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 1995 (126) 1359-1370
Origin and early history of the dental mouthpiece (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1994 (25 June) 478-480
Some early UK dental manufacturers and retail trade houses (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Bull Hist Dent 1994 42(1) 17-20
Cyrus Fay and the real origin of the modern day extraction forceps (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	J Oral Maxillofac Surg 1987 (45) 516-523
Nothing new under the sun: an examination of newly discovered inventions and techniques (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	J Am Dent Assoc 1980 (100) 22-25
Two hundred and fifty years of rotary instruments in dentistry (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1979 146(7) 217-223
Dental history – development of the dental chair (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Dent Update 1975 2(2) 70-73
80 years of dental radiography (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	J Am Dent Assoc 1975 (90) 549-561
The origins of the air-turbine dental handpiece (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1974 (236) 469-472
The bright side of dentistry (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	J Am Dent Assoc 1974 (88) 49-59
Components of the dental unit (request using	J Am Dent Assoc 1974 (89) 1012-



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Dental cabinet nostalgia (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	J Am Dent Assoc 1973 (87) 39-47
Dental electrosurgery – a case history of equipment development (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Med Research Engineering 1972 11(5) 11-17
India – the cradle of dentistry? (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Quintessence Int 1972 8(3) 79-84
The foot engine: a centenary (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1971 (130) 125
Laminagraphy: methods and application in oral diagnosis (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	J Am Dent Assoc 1967 (74) 90-96
Air bearings and their application to dental air turbine handpieces (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1964 (116) 531-539
Keys, tokens and medals (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Dent Mag Oral Topics 1963 (80) 80-87
Drilling: filling, filing and scraping (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Dent Mag Oral Topics 1963 (80) 146-147
The classification of dental elevators (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1960 (109) 219-223
The development of the application of electricity to dental surgery up to 1900 (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1960 (16 Aug) 121-131
Dental pelicans (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Dent Mag Oral Topics 1953 (June) 1-8
Some historical notes on subcutaneous medication (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1929 (15 March) 285-291