The New Haller Clamp
by Dr. Horst Landenberger

Multifunctional clamp
For ergonomic and effective dental care
A scenario you recognise? Tongue, cheeks, saliva and moisture contamination
Historic Haller Clamp Nr. 2 by Aesculap – no longer available
Rubberdam + Haller Clamp. A perfect combination. The elastics (ask your Orthodontist) pull apically against the coronal force of the rubber dam frame.
New Haller Clamp: Stainless steel, covered with Zirkonnitrit. Autoclavable. Clamp 2A with vertical fingers, symmetric placement in the lower jaw or in the upper jaw, can expand the rubber dam, hold cotton wool rolls and/or a saliva ejector.
Optic impression (scan) with Omnicam (Cerec), New Haller Clamp 2AO
Clamp 2A with vertical fingers.
Versatile!
Attachment of a suction tube for placement in the lower jaw, both sides
Patients with high salivary flow

- Cotton rolls
- Suction
- Dry-tip
A second molar was prepared with a pre-endodontic build-up to assist rubberdam placement
The challenging second molar. A rubberdam clamp would cause gingival trauma and haemorrhage. Trick: x-ray film in the Haller Clamp!
Some don’t like rubberdam. This tooth was isolated for the scan. The clamps are multifunctional and offer versatility for differing clinical situations.
Start your pre-endontic build-up with the Haller Clamp
Patient holds the suction tube
Correlation made easy for Cerec
Matching of occlusion and preparation made easy for Cerec. The elastics replace the neighbouring tooth structure.
Powdering
Support for the Cerec camera
Elastics retract the gingivae and therefore reduce the need for electro surgery or laser treatment. Papillae are blanched.
New Haller Clamp 2A UL upper left. Always secure clamps with floss.
According to the safety instructions you have to secure the clamp. There are different ways
Some like the combination of rubber dam and the New Haller Clamp. Seen for the first time on „Microdentist‘s“ page on Facebook. Outstanding!
The New Hallerclamp pulls rubberdam apically and not coronally
2A UR upper right

2A UL upper left

2A O lower right and left without vertical fingers

2A lower right and left with vertical fingers
Set of 4 clamps 2A, 2AO, 2A UR, 2A UL, on a sterilizable board with 2 bags of elastics. More photographs on www.hallerklammer.de
Safety instructions 1

- Choose the adequate clamp. Clamp 2A and Clamp 2AO are fixed on premolars of the lower jaw. The arms of the clamp should point distally. Clamps 2A UR/2A UL are adequate for the upper jaw. UR: upper right UL: upper left.
- During positioning of the clamp pay attention to not disturb later work in the approximal area (wedging, flossing). If necessary apply the clamp 2AO without fingers instead of 2A.
- Do make sure, that crowns etc. on selected teeth are secure prior to application of the clamp. Insufficiently fixed crowns could loosen.
- Use a sufficient long piece of dental floss and lead it through the round perforations of both horizontal arms. Dental floss should hang out the mouth to secure the clamp in case of breakage.
- For gingival retraction insert orthodontic elastics 4.5oz 5/16” in an adequate way.
- Before positioning of the clamp, place adequate cotton rolls. On the vestibular small rolls are reasonable, on the lingual big rolls are reasonable. If necessary insert a suction tip into the clamp before placement of the clamp in the mouth. Let the patient hold the suction tube with his left hand.
- Placement of the clamp is performed with rubber-dam forceps. Pay attention to not hurt teeth and gums. The index of the left hand can help for the placement of the clamp pushing the clamp by the vertical fingers. The assistant helps during the placement of the clamp.
- For the insertion of new rolls you have to remove the clamps and replace it again. The saliva ejector stays in the clamp during this action.

Dr. HL
Saftey instructions 2

- Only to be used by members of the dental profession
- Check, clean and sterilize the clamp prior to each application. Steam: min. 5 min by 134°C/273°F or 20 min in 121°C/250°F. Do not overheat to more than 177°C/350 °F. Only use recommended chemicals. Do not disinfect with phenol. High contents of chloride can destroy the clamp.
- Bending and other modifications can lead to the destruction of the clamp. Do not overextend the clamp.
- Again: Use a sufficiently long piece of dental floss and lead it through the round perforations on both horizontal arms. Dental floss should hang out the mouth to secure the clamp in case of breakage.
- Application proposals on www.hallerklammer.de
Manufacturer and Distributor

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