The ideal path to achieving Class I.
The Sabbagh Universal Spring – SUS² - is a telescope appliance with an internal spring for universal intermaxillary use. It provides a perfect alternative for patients with compliance issues. The SUS² acts with constant, gentle forces on the temporomandibular joint, and can help to avoid the need for some extractions and dysgnathic surgery.

**Indications**

- Distoclusion / Class II (uni-/bilateral)
- Molar distalization (headgear substitute)
- Dentoalveolar compensation of the occlusion (elastics substitute)
- Space closing (aplasia)
- Temporomandibular dysfunction (repositioning effect)
- Sleep apnoea therapy
The ideal solution for patients with:

- poor compliance
- minimal residual growth
- difficulties using removable appliances
  - illnesses of the upper respiratory tract or asthma
  - allergy to acrylic components
  - disability
Convincing details.

Omega loop ensures the ball retainer clasp does not slip through.
Laser-welded for excellent strength and biocompatibility.

Inner hexagonal screw to adjust the length and force for easy and secure handling.
Adjustable spring force for an excellent and individual therapy.

Dual telescope design for greater hygiene and individual length adjustment.
Integrated stop for the inner telescope ensures the spring does not disengage.

Activation accessories
SUS® turbo spring for additional activation.
Standard activation with spacer rings.
Conical design of the buccal section of the SUS² arch adapter: easy assembly and optimal movement during treatment.

One-fits-all design perfect with all types of brackets.

Conical-shaped tip of screw for a secure, exact connection of SUS² to the archwire.

Hexagon socket screw for fast, easy assembly.

One hexagon socket key for all SUS² screws part of the SUS² starter set (REF 607-140-01).

Funnel-shaped design of the top of the telescoping rod for maximal transverse movement with perfect sagittal stability.

Conical design of the buccal section of the SUS² arch adapter: easy assembly and optimal movement during treatment.

One-fits-all design perfect with all types of brackets.
First class treatment for your class II patients.

Convincing advantages.

- Universal application with only one size that fits all patients and one product for right and left side.
- Easy handling and installation within only a few minutes
- Can be used as spring or hinge.
- Various types of activation for different indications:
  - Standard activation (spring effect and Herbst effect) with one or more slotted spacer rings (1 mm and 2 mm) crimped on the telescope rod.
  - The optional turbo spring can be used if higher forces are required (adult treatment) or if dental calculus has hindered the function of the inner spring.
- Corrosion-resistant stainless steel and open tubes ensure good hygiene.
- Excellent patient acceptance and comfort with flexible movement of the lower jaw.
- Constant gentle forces along with bracket therapy allow for shorter treatment time (only about 6 months).
First class treatment for your class II patients.

Photos: Dr. med. dent. D.D.S. Aladin Sabbagh