

The Magill Sagittal



The Magill Sagittal is a versatile 3 way fixed appliance with designs for either premaxillary development or posterior distalization coupled with lateral development.



Why Doctors love Five Star Magill Sagittal:

Five Star offers the Magill A (Anterior drive) or D (Molar distalization) or the Modified Magill A or D. The Modified version is made with Wilson attachments for an easy transition to a TPA once arch development has been completed. Buccal tubes with a Gurin lock and NiTi spring make for easy activation.

Why Patients love the Five Star Magill Sagittal:

The Magill's anterior placement of the lingual metal tubing and smooth soldered joints are tongue friendly eliminating sharp protrusive distal wire ends.

How do you activate the Magill Sagittal?

Sagittal activation is accomplished by engaging the unique buccal drive tubes with an Allen wrench turning toward the left shoulder 180° twice a week. Transverse development can be achieved by turning the central screw one turn per week.

With the Modified Magill, At each patient visit, approximately every three to four weeks, the Gurin lock is loosened and pushed distally to compress the coil spring. When the spring is compressed, the lock is tightened to keep the coil spring activated. Repeat this procedure at each patient visit until the molars are in their desired position. When you have achieved the desired distalization, simply remove the spring and abut the Gurin lock to the Molar band to prevent relapse.



Do you have a non-compliant patient? Try this design with adjustable coil springs!

What do I need to Get Started?

Upper models from a heavy body alginate is fine. The models need to be free of bubbles, distortions, or voids. You can use PVS. Please check and wrap models individually before sending them.

If you are developing the premaxilla, active the Magill A sagittal drive tube bi-laterally in conjunction with lateral development. If you are distalizing molars with the Magill D, distalize one side at a time before developing transversely. If you would like 1-2 mm's anterior development and molar distalization, use the Magill D and turn the sagittals at the same time.