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Made with clinical excellence in mind

Trend™ Trauma Collar
Clinician's Handbook



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MEDICAL

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An Introduction to your Trend™ Trauma Collar Handbook

You have received this handbook following your competency training, 'Trend Collar, Working Together to Improve Patient Care'.

If you have not received your competency training, please email or call: info@talarmade.com | 01246 268 456

This handbook has been produced to offer further information about the Trend Collar from a clinician's perspective. It will also be a reference guide for correctly donning the Trend Collar and documenting the height and tension.

The Trend Collar offers unique advantages over many conventional cervical collars, which we will highlight in this handbook. It means it addresses the most common collar issues, improving outcomes for patients required to wear cervical collars.

Trend Trauma Collar Introduction

The Trend Trauma Collar is a revolutionary multi-post cervical collar, the superior solution for cervical spine management. It provides clinicians with a one-size-fits-all, comfortable, supportive device for the cervical injury patients group.

The Trend Trauma Collar evolutionary design addresses the most common collar issues. The innovative height adjustment system provides ten times greater sizing accuracy than other collars, delivering unrivalled patient comfort and support.

Due to the advanced design of the Trend Trauma Collar, the fit repeatability is unmatched and thoroughly documented. The Quick Clip System addresses the unmet need to secure optimal tension every time. Set it and forget it.





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Trend Trauma Collar Back Panel

The Trend Trauma Collar is a multi-post collar, meaning it already has the occipital extension, which conforms to the occipital protuberance, offering an increased level of motion restriction compared to conventional cervical collars.

Furthermore, the increased surface area of the back panel will reduce the risk of occipital pressure sores.

The back panel has a natural contour, shaping the cervical spine. Requiring less pressure to conform reduces the familiar sight of the patient's head displacing posteriorly when using conventional cervical collars.



Back Panel

Trend Trauma Collar Front Panel

Due to the design of the Trend Trauma Collar, there will be minimal to zero pressure on top of the clavicle and soft tissue around the neck.

The sternal plate has a large, flat area extending lower on the sternum to provide more leverage, offering a superior motion restriction than conventional cervical collars.

Also, continuous angled support around the mandible minimises pressure through the soft tissue and improves the patient's compliance, regardless of mandible base geometry.



Front Panel

Trend Trauma Collar Height and Tension Technology

The Trend Dial, Precision Height Adjustment System, provides 60 incremental sizing options, starting from 2 7/8" at the lowest and going all the way to 6 3/8" height, allowing a smooth, straightforward fitting experience and patient compliance.

The clear Trend Flex Shaft is visibly labelled from 0 to 9. Once the height has been set up, the number system allows you to document the height in the patient's medical records.

The Velcro® straps are lettered from A (the largest neck circumference) to G (the smallest neck circumference). The large sizing windows will allow you to ensure that the tension is equal on each side, and once set up, this will provide a superior level of stability for the patient. The tension is to be documented in the patient's medical records.

The Trend Trauma Collar is unlike any conventional cervical collar in that all fit parameters are fully documented, allowing repeatability to be transferred to another Trend Trauma Collar if recalled.



Trend Dial Precision Height Adjustment System

Trend Trauma Collar Quick-Clip System

When reapplying the collar in supine or ambulatory patients, a quick-clip closure system and sizing landmarks eliminate patient or AHP errors. Once the height and tension have been set up and recorded into the patient's medical record, the height and Velcro® straps no longer need to be re-adjusted during donning and doffing.

The quick clip system will deliver consistent reapplication, offering clinicians and patients 100% assurance of repeatability and reliability with every reapplication.



Quick Clip System



Trend™ Trauma Collar Padding System

Trend Trauma Collar's padding composition is latex-free, and the open cell padding increases airflow, better regulates pressure, moisture, and heat, decreases skin breakdown incidents, and improves patient outcomes.



Open-Cell Foam Padding

The paddings can be removed easily, allowing daily washing, which will help protect the patient's skin from any irritation.

Please change the paddings should it become wet or soiled at any time.

To remove the pads, peel away from the Velcro® dots that attach them to the structure.

The set of soft lining pads removed can be washed in warm, soapy water, placed on a towel and left to air dry. Avoid using heat to dry, as this will compromise the effectiveness of the paddings.

Ensure that when you apply the spare, clean set of pads, it covers all the plastic components of the collar, and there is no padding touching the skin.

Trend™ Trauma Collar Clinician Fitting

The information in this section is offered as a guideline on how to apply and check the fit of the Trend Trauma Collar. The initial collar application should be done by those who have received the appropriate level of training and are competent to do so. All guidelines should not replace medical professional advice. Please also refer to MASCIP Moving & Handling recommendations.

In the case of a suspected or actual cervical spine injury, the patient should be completely supine on the bed (unless otherwise stated), with the patient's head kept 'neutral' by one person performing the head hold. A second person should be present to assist with the application and removal of the collar and perform hygiene tasks.

It is essential that the patient remains still throughout and keeps their arms down by their sides with legs uncrossed.

Before applying the collar, please ensure that all collar components are present and that the padding covers all the plastic components so that no plastic will be in contact with the skin. Check the Trend Flex Shaft, ensure the height is at the lowest setting (0) and that the Velcro® straps are clear with unobstructed sizing windows.

Trend™ Trauma Collar Clinician Fitting Continued . . .

1. Starting with the back panel, ensure it is the correct way up, then press the back panel down onto the bed and slide it behind the patient's neck. The Velcro® straps should be halfway between the patient's earlobe and the top of the shoulder.
2. Position the front section under the patient's chin and the side sections over the top of the shoulders. Ensure the chin piece and Trend Dial is central to the patient's nose/chin.
3. Pull the Trend dial out once to unlock it.
4. Turn it anti-clockwise to begin increasing the height of the collar. The correct height is when the chin rests centrally on the chin support of the collar, and the padding has started to compress. Check the sternal plate and ensure this is also flush with the patient's chest, providing leverage to offer a superior motion restriction.
5. (Turn the Trend dial clockwise to reduce the height of the collar if needed).
6. Once happy with the height of the collar, gently push down on the Trend Dial, and it will click into place, which locks it into position.
7. To attach the front section of the collar to the back panel, tuck the side edges in and connect using the quick clip closure system. Do this by locating the clips on the left and right of the back panel and clipping into the front housing, pushing gently until you hear a click.
8. Grip the Velcro® straps on both sides with equal tension and force, push the straps down towards the bed, and stick them onto the back panel. Ensure the tension is equal on both sides by checking both sizing windows and ensuring the letter is identical.
9. No slack or gap should be visible, and the patient's mandible should conform to the collar. Also, the sternum pad should be flush with the chest.
10. Ensure the patient feels comfortable and able to breathe and swallow.
11. Unclip one or both sides from the quick clip housings to remove it. The height and tension will remain the same each time the Trend Trauma Collar is reapplied.

If there are any concerns regarding the fitting of the Trend Trauma Collar, please get in touch with the local Orthotics Department for a specialist review (GAIN 2014) or contact TalarMade at 01246 268 456 | info@talarmade.com

If you require re-stocking of the Trend Trauma Collar, please email TalarMade - orders@talarmade.com with the order code: DCT-1072-CRPK-1.

If spare paddings are required, please email TalarMade - orders@talarmade.com with the order code: DCT-CRP-1.



Trend Trauma Collar Components

Trend Flex Shaft
Makes for fluid up-and-down movements







Open-Cell Foam Padding
Increases breathability & decreases skin breakdown

Trend Dial Precision Height Adjustment System
Provides 60 incremental sizing options





Trend Quick Clip System
Ensures optimal tension without readjustment.





Trend Adjustment strap

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Trend Trauma Collar Clinician Fitting Video:

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