



Medical Justification Language for AEL Hip Belts

AEL's sample Letters of Medical Necessity (LMNs) are solely intended as educational tools. These tools are for reference only and is not an official document for justification. The development of Letters of Medical Necessity should be ultimately left to healthcare professionals; and, the information provided within the LMNs should reflect the unique needs of the individual that the product is being purchased for.

****Methodology to apply the following justifications:**

When determining the level of equipment needed, begin with the basic level of equipment. Then, determine if the next level/style of equipment would be more appropriate for the client. If so, include the basic justification with aspects of the next level/style of equipment as necessary.

Basic Justifications

AEL Hip Belt with Push-Button Buckle (Single strap/two point design)

AEL's Hip Belt with Push-Button Buckle is a single strap/two-point belt design, which is medically necessary in order to keep the client's pelvis aligned while seated in the wheelchair. It will also prevent the client's pelvis from migrating forward or shifting anteriorly during movement and wheelchair use, thus improving safety with wheelchair use and preventing injury. The webbing design of the belt is specifically designed to reduce pressure to the anterior pelvis during use, thus allowing the belt to be securely applied, while offering adequate pressure relief and skin protection.

The push-button buckle was specifically selected because it has the most reliable closure mechanism, which ensures safe operation and reduces the likelihood that it will need to be replaced before its expected life span. AEL's Hip Belt with Push Button Buckle is a highly durable, lightweight belt that will meet the client's needs.

In the event the client presents with **a pelvic obliquity resulting in one half of the pelvis being higher than the other** the above justification may include the following:

It is imperative that the client utilize this belt as s/he presents with pelvic obliquity, and thus will require use of a two-point pelvic belt, applied at a 90 degree angle to the high side of the pelvis, in order to apply a counter force to the high side of the pelvis and aid in neutralizing the pelvis, and subsequently neutralizing the pressures under the client's contact area.



Basic Justifications

AEL Hip Belt with Side-Release Buckle (Single strap/two point design)

AEL's Hip Belt with Side-Release Buckle is a single strap/two-point belt design, which is medically necessary in order to keep the client's pelvis aligned while seated in the wheelchair. It will also prevent the client's pelvis from migrating forward or shifting anteriorly during movement and wheelchair use, thus improving safety with wheelchair use and preventing injury. The webbing design of the belt is specifically designed to reduce pressure to the anterior pelvis during use, thus allowing the belt to be securely applied, while offering adequate pressure relief and skin protection.

The side-release buckle was specifically chosen as it has a secure snap closure and squeeze mechanism to release. It is the lightest weight option, durable, and will meet the client's needs.

In the event the client presents with **a pelvic obliquity resulting in one half of the pelvis being higher than the other** the above justification should include the following:

It is imperative that the client utilize this belt as s/he presents with pelvic obliquity, and thus will require use of a two-point pelvic belt, applied at a 90 degree angle to the high side of the pelvis, in order to apply a counter force to the high side of the pelvis and aid in neutralizing the pelvis, and subsequently neutralizing the pressures under the client's contact area.

Basic Justifications

AEL's Four-Point Hip Belt with Push-Button Buckle (Dual strap/four point design)

AEL's Four-Point Hip Belt with Push-Button Buckle is a dual strap/four-point belt design, which is medically necessary as the patient presents with pelvic asymmetries in dual planes (state which planes if applicable here, for example: The patient presents with a right anterior pelvic rotation and a left sided pelvic obliquity). The patient requires a pair of securing straps (the four-point design), in order to keep the client's pelvis properly aligned while seated. This four point design is necessary as the pair of proximal straps are used to address one plane of asymmetry, while the second pair of straps are utilized to improve alignment and secure the pelvis aligned and secure against the seat and back supports, thus reducing or eliminating pelvic rotation. The client's four-point hip belt must be secured with a line of pull set at a specific angle (90 degrees of pull for pelvic obliquity and 30 degrees of pull for pelvic rotation) to ensure that his/her pelvis will not migrate out of a neutralized, stable position.

In order to achieve the desired neutrality, the primary strap, in many cases, will need to have significant tension. AEL's four-point hip belt is designed with a webbing design in order to reduce pressure to the anterior pelvis during use, thus allowing the belt to be securely applied, while offering adequate pressure relief and skin protection. The medial padding increases the likelihood that client will be able to comply with being positioned correctly for long periods of time in his wheelchair, thus increasing wheelchair and seating tolerance.

This patient will not benefit from a standard two-point hip belt, as a two point belt will not sufficiently control the client's pelvis. S/he will experience pelvic migration or maladjustment of the pelvis under the belt if the four-point system is not utilized to maintain the correct alignment.



The push-button buckle was specifically selected because it has the most reliable closure mechanism, which ensures safe operation and reduces the likelihood that it will need to be replaced before its expected life span. AEL's Hip Belt with Push Button Buckle is a highly durable, lightweight belt that will meet the client's needs.



AEL's Four-Point Hip Belt with Side-Release Buckle (Dual strap/four point design)

AEL's Four-Point Hip Belt with Push-Button Buckle is a dual strap/four-point belt design, which is medically necessary as the patient presents with pelvic asymmetries in dual planes (state which planes if applicable here, for example: The patient presents with a right anterior pelvic rotation and a left sided pelvic obliquity). The patient requires a pair of securing straps (the four-point design), in order to keep the client's pelvis properly aligned while seated. This four point design is necessary as the pair of proximal straps are used to address one plane of asymmetry, while the second pair of straps are utilized to improve alignment and secure the pelvis aligned and secure against the seat and back supports, thus reducing or eliminating pelvic rotation. The client's four-point hip belt must be secured with a line of pull set at a specific angle (90 degrees of pull for pelvic obliquity and 30 degrees of pull for pelvic rotation) to ensure that his/her pelvis will not migrate out of a neutralized, stable position.

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