

AryLift by 101 Mobility: Innovative Patient Care for the 21st Century

The AryLift Patient Transport, Lifting, and Complete Care device is the most revolutionary, innovative, and practical solution for addressing the complex needs of those patients confined to a bed; and who require around the clock bedside care, either at home or in an assisted care facility or hospital. Designed by an experienced machinist and metal worker who specializes in crane operations, the AryLift was conceived as a device that would eliminate all strain that a caregiver traditionally suffers from as a result of lifting, turning, transporting, bathing, and dressing bedridden patients.

Traditional bedridden patient care; despite being extremely strenuous on the back and muscles of a caregiver, is frankly an undignified practice for both patient and caregiver. An immobile patient that has no choice but to relieve themselves by use of a bedpan or through the efforts of multiple caretakers physically lifting and positioning them over a toilet must endure the embarrassment of several people cleaning up after them and assisting them through a hands-on approach. This practice is psychologically taxing on all parties involved. In his study of the psychological impact of healing in terminal cancer patients, Dr. A. J. Cunningham observes,

...it could be shown that those who subsequently survived were not a random sample of the whole but displayed a much higher degree of early involvement in their psychological self-help than did most of their nonsurviving peers. ^[1]

There has been substantial anecdotal evidence of the AryLift system providing for a much more comfortable and dignified convalescence; thereby improving the patient's mood and psychological wellbeing; contributing to better conditions for healing and recovery.

Furthermore, clinical studies and research have shown physical healing of bedsores, or decubitus, improved dramatically; and healing time was greatly reduced in patients using the AryLift versus traditional therapies, because of the AryLift's unique ability to lift the patient by use of its straps which can be adjusted and changed in mid-air; offering maximum exposure of the skin to the open air. Studies were conclusive in their analysis:

Documentation will show that the AryLift Pressure Relief and Support System is unique and has a definitive effect in healing decubiti. In addition, it is appropriate to point out that the system provides *complete* relief to the area, unlike other equipment on the market. To our knowledge, there is not any other equipment that provides this. Also, with the removal of complete pressure, the system allows for circulation of air to the affected area preventing moisture and heat build-up, which is a proven breeding ground for bacteria. ^[2]

There has been much discussion and concern in the modern era of medicine for the employment of "safe patient handling" practices. Reducing the risk and prevalence of injury, mishandling, and neglect contributes to a less litigious environment within the care facility, reduces insurance claims, and allows the focus to remain where it should always be: the healing and comfort of the patient. Since the AryLift was designed to lift, turn, transport, bathe, and care for patients without the need for any strain to the caretaker, the AryLift could be considered possibly the most innovative and practical safe patient handling solution in the industry today.

No longer is it necessary to employ the use of multiple personnel and a cumbersome array of various pieces of equipment when caring for a completely immobile patient. Transfers from gurney to bed; from bed to wheelchair; and from wheelchair to toilet all formerly required the harmonious strain of several caretakers, and different equipment, which raises the risk of accidents to both nurse and patient at every step. This probability is compounded when considering the level of frequency in which these transfers and exercises are executed. By using the AryLift, all of these risky situations are completely eliminated.

It has been a well observed clinical fact that comfortable patients in good spirits simply heal faster. Anecdotal observations regarding the AryLift report a unanimous consensus among patients that the use of the AryLift far exceeds that of traditional beds when it comes to the patient's comfort. This fact is due to a variety of reasons. With the AryLift's simple hand-held controls, patients can lift themselves when they desire, and lower themselves at will. Patients report a more dignified approach to bathing with the AryLift since the task can be done from the comfort of the unit with the use of the AryLift's shower and shower pan accessories. Patients are able to be transported with much more ease since the AryLift's maneuverable design allows it to be rolled through hallways and doorways; and patients can even spend time outdoors in the unit without ever having to be transferred to any other equipment.

The AryLift Patient Transport, Lifting, and Complete Care device is revolutionizing the way care is delivered and received for immobile and bedridden patients. No other device on the medical market offers the flexibility and capability of the AryLift. The closest devices are a far cry from the simple ease of the AryLift. Other devices still require the assistance of several caretakers. With the AryLift, one caretaker can completely assist and care for a patient with as much strain as operating a T.V. remote control. The AryLift is poised to be the next medical innovation that becomes a required commodity in hospitals and care facilities across the nation.

References

1. Cunningham, A. J., Watson, K. (2004). "How Psychological Therapy may Prolong Survival in Cancer Patients: New Evidence and a Simple Theory", *Integrative Cancer Therapies*, Vol. 3, No. 3, 214-229
2. Davis, R., et al (1998). "AryLift Decubitus Study" *AryLift Pressure Relief and Support System Positional Therapy Decubitus Study Results*, Sec. 1, pg. 1