Farmer Accident Result with Knee Above Amputation: A Case Report

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ABSTRACT

Introduction: Farming is one of the most dangerous occupations in the United States. The rate of injury for agricultural workers is 40% higher than for all other types of work [1]. Furthermore, estimates suggest that injuries resulting in amputations are “2.5 times more likely to occur in farming than in any other industry [2]. Case Presentation: We report the case of an old patient of 36 years old farmer who got his leg in the machine while working in the field. other farmers dismantled the machine. They brought the patient with his stuck leg to the emergency. Patient has multiple femur and tibia fractures and vascular nerve injury. Patient was brought to the surgery room with the machine. Patient with above knee amputation left the machine. Patient has farm injury and antibiotic started.

Conclusion: Farming is one of the most dangerous occupations in the United States. The rate of injury for agricultural workers is 40% higher than for all other types of work [1]. So there are accidents resulting in amputation in the field.

Keywords: Knee above amputation; work accident; farmer accident, amputation

1. INTRODUCTION

Farming is one of the most dangerous occupations in the United States. The rate of injury for agricultural workers is 40% higher than for all other types of work [1]. Furthermore, estimates suggest that injuries resulting in amputations are “2.5 times more likely to occur in farming than in any other industry [2]. We report the case of an old patient of 36 years old farmer who got his leg in the machine while working in the field. other farmers dismantled the machine.

2. CASE PRESENTATION

We report the case of an old patient of 36 years old farmer who got his leg in the machine while working in the field. other farmers dismantled the machine. They brought the patient with his stuck leg to the emergency (figure - 1). Patient has multiple femur and tibia fractures and vascular nerve injury. Patient was brought to the surgery room with the machine. (figure-2) Patient with above knee amputation left the machine (figure-3). Patient has farm injury and antibiotic started.
3. DISCUSSION

Amputations are all too common, accounting for 11% of all agricultural related injuries. On the farm, injuries resulting in an amputation are typically caused by entanglement, entrapment, crushing injuries, or infection from a traumatic injury. Lower extremity amputations can include toe amputations, foot amputations, and leg amputations either below-knee or above-knee. Other limitations due to traumatic injury to the lower extremities include decreased strength or function due to tendon, muscle, nerve, or joint damage. A lower extremity injury presents a higher risk for secondary injuries to occur because decreased padding or scar tissue around the injury site may not tolerate usual bumping or minor impacts with objects such as farm machinery or tools [3].

4. CONCLUSION

Farming is one of the most dangerous occupations in the United States. The rate of injury for agricultural workers is 40% higher than for all other types of work [1]. So, there are accidents resulting in amputation in the field.

REFERENCES

3. S. Dee Jepsen, Assistant Professor, State Safety Leader, Agricultural Safety and Health, Food, Agricultural and Biological Engineering, The Ohio State University-Farming with Lower Extremity Amputation