**Diagnosis of malnutrition**

Severe: 32,40%
Moderate: 20,40%
Mild: 22,20%
No malnutrition: 25,00%

**Results**

Diabetes was associated with vitamin D deficiency <30 ng/ml (p = 0.01) and lung transplantation (p < 0.001). Severe malnutrition is statistically associated with lung transplantation (p = 0.01), systemic corticosteroid therapy (p = 0.01) and diabetes (p = 0.04).

**CONCLUSIONS**

A high prevalence of malnutrition (73%) was found in CF patients. Severe malnutrition was associated with lung transplantation, systemic corticosteroid therapy and diabetes. Pretransplant assessment of nutritional status is important in CF patients. Diabetes was associated with lung transplantation and vitamin D deficiency.