

CLINICAL EVALUATION SUMMARY - CES FRE F 02

This summary has been compiled from the results of a number of returned Clinical Evaluation forms completed by both prosthetists and patients, and shown in an abbreviated form overleaf. It is an attempt to give an overview of the product based on our experience to date and needs to be read in conjunction with the product literature supplied by the manufacturer.

FREEDOM SIERRA (F1000) FOOT

WARRANTY PERIOD – 3 YEARS (footshell 6mths)
WEIGHT LIMIT – 166kg

EVALUATION SUMMARY



This retrospective evaluation of the Freedom F1000 foot, whilst it demonstrates the effectiveness of the foot, also majors on one particular failing of the original design, namely the poor cosmetic shape that could be achieved, which was caused by the anterior positioning of the pyramid mount and the width of the spring at the posterior curve. Whilst the position of the pyramid made alignment easy, the resultant undesirable cosmetic shape did create such an adverse reaction that some modifications to the design were clearly necessary.

Freedom have since redesigned the foot and the cosmetic appearance that can be achieved, has been significantly improved, without any noticeable reduction in the function.

To help with this they have also produced a two-part foam, already cut out to accommodate the ankle and shin tube and only requiring to be ground out to take the socket, glued together and shaped to match the patient's sound side.

INDICATIONS	CONTRAINDICATION
Most suited to the moderate and high activity categories, as defined by the Freedom activity levels.	Patients of low activity or less, as defined by the Freedom activity levels.
Where a patient requires a foot which can be used for their routine activities, but which will also allow them to participate in sports.	Patients whose weight fluctuates frequently to any significant degree, or who are over the weight limit.
For activities where smooth energy return between heel strike and foot flat, and from foot flat to toe off, would be beneficial.	Where uneven ground and/or frequently undulating ground has to be negotiated regularly.
Where a robust, low maintenance foot is required.	Patients requiring a high level of cosmetic appearance, especially if they are of slim build.

EVALUATION PATIENTS

PATIENT DETAILS

Patient 1	Transtibial	96 kg	39 year old male	Engineer	Sigam E
Patient 2	Transtibial	74 kg	33 year old male	Unknown	Sigam F
Patient 3	Transtibial	90 kg	31 year old male	Unemployed	Sigam F
Patient 4	Transtibial	70 kg	26 year old male	Property Developer	Sigam F
Patient 5	Transtibial	60 kg	42 year old male	Sheetmetal Worker	Sigam F
Patient 6	Transtibial	111 kg	63 year old male	Hospital Porter	Sigam F

