



What is FES and how does it help?

Functional Electrical Stimulation (FES) is a rehabilitation treatment that stimulates the nerves supplying muscles that have become paralysed, weak, or tight due to damage in the brain or spinal cord. It aims to improve function and help retrain movement.

FES is increasingly recognised as a valuable and positive adjunct in the rehabilitation of children with neurological conditions, and complements established interventions by promoting active, task-specific movement and supporting motor relearning.

FES is commonly used to stimulate dorsiflexors and improve foot position and heel contact in walking.

FES can also be used to improve movement and support better function in the arm and hand, or other muscles in the lower limb.

National guidelines

National guidance supports the consideration of neuromuscular electrical stimulation (NMES) and FES alongside muscle strengthening and functional activity.

Royal College of Paediatrics and Child Health, 2017. Stroke in childhood – clinical guideline for diagnosis, management and rehabilitation.

Association of Paediatric Chartered Physiotherapists, 2017.

A guide to the use of Electrical Stimulation in paediatric neurodisability

NICE Guidelines IPG278

What our FES users say...

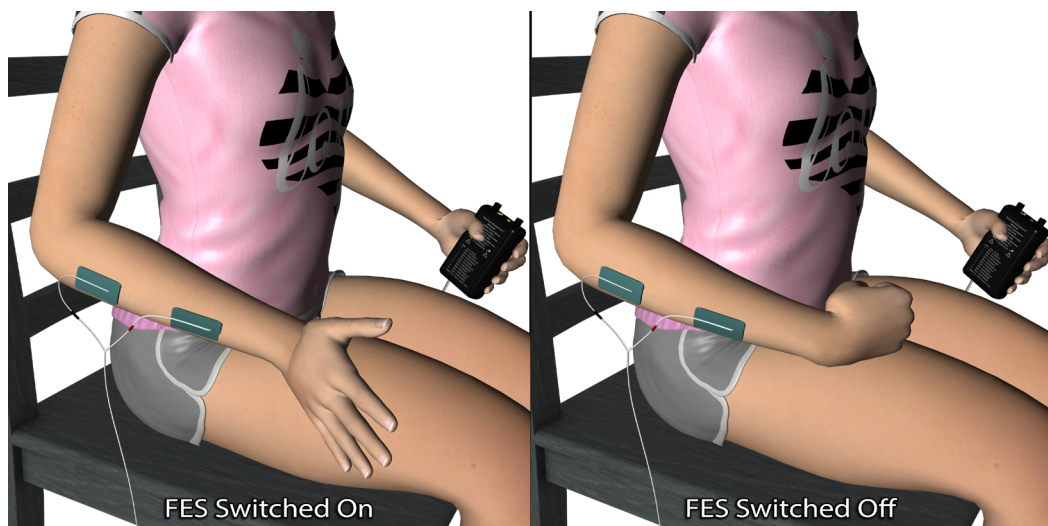
“ I can definitely walk a lot longer now. I can do a lot more. I think my legs are, like, a lot stronger as well. My balance is a lot better. I don't, like, trip up as much. ”

FES treatment

As a healthcare professional who rehabilitates young people with neurological conditions you can support them in accessing this FES treatment through Odstock Medical Ltd (OML). OML is an NHS FES service provider who is able to accept NHS and private referrals.

OML's experienced team provides expert assessment and care, supporting the use of FES for as long as it is required by the young person.

OML also provides clinical training in FES techniques, enabling clinicians to assess and identify patients who may benefit from FES.



FES funding

NHS funding varies throughout the UK. Please contact us for more details at patientsupport@odstockmedical.com.

How to refer

Referrals can be made by completing the referral form and sending it to us at sft.oml.patientsupport@nhs.net. Once OML receives the referral it will be triaged and the young person's parent/ carer will be contacted to arrange an assessment for FES at the nearest clinic. If there are any issues with the referral, OML will liaise with the young person's parent/carers to ensure they are kept informed.



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What our Parents of FES users say...

“As a parent, the feeling we get from Carter using his FES is undoubtedly safety. His ability to move without tripping and falling so frequently is paramount, and I think his abilities and his confidence in himself when using his FES is amazing.

My advice for any other parent who's considering FES for their children is just to go for it. We've seen amazing results from Carter using his FES, and I would love to see more people taking that opportunity.

”

Why OML?

OML was established in 2005 by the Salisbury NHS Foundation Trust to build on FES expertise created by Salisbury District Hospital.

Now OML is the leading provider of FES devices to the NHS and has treatment centres across the country.



What our Parents of FES users say...

“He did manage to do Go Ape at Centre Parks in the summer, which was really impressive – all the big steps, all the swinging, walking through the nets and everything that he handled. He did it really, really well. We were really proud of him for doing that.

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Why OML devices?



Accuracy of electrode placement

OML's 'free positioning' electrode system allows clinicians to be more precise with nerve targeting and to treat more complex cases



Flexibility of muscle group treatment

Electrodes can be positioned freely on any lower limb muscle groups for gait retraining and muscle conditioning



Discreet fitting

Any type of clothing can be worn while using the ODFS® Pace XL



OML service

OML have fully trained clinicians and technicians available to answer questions from patients or customers



Training

OML offers leading, accredited FES clinician training courses for both upper and lower limb treatment



Cost effective for the purchaser

The ODFS® Pace XL can be refurbished and repaired enabling a long life for the device

OML will treat young patients in line with treatment pathway specified in the ACPIN guidelines using ODFS® Pace stimulator for as long as the young person continues to meet the policy criteria.

- ▶ For further information: www.odstockmedical.com
- ▶ For referral form: [Clinician-Referral-Form](#)
- ▶ For FES training: [Training courses | Odstock Medical](#)
- ▶ For National Clinical Guidelines: [FES Evidence](#)

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Email: enquiries@odstockmedical.com

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