Total stroke admissions during recruitment window (n=2156)
Identified by therapists as potential participants (n=102)
PIL provided and referred as eligible by therapists (n=60)
Consented to referral to research team (n=52)
Consented to trial (n=48)
Baseline assessment (n=47)
- Action Research Arm Test (ARAT) (n=47)
- Wolf Motor Function Test (WMFT) (n=47)
- Motor Activity Log (MAL) (n=46)
- Stroke Impact Scale (SIS) (n=47)
Randomised (n=47)
- Allocated to Reach to Grasp group (n=24)
- Allocated to Usual Care group (n=23)
Included in analysis population (n=24)
Included in analysis population (n=23)

7 week follow-up data available (n=23)
- Action Research Arm Test (ARAT) (n=23)
- Wolf Motor Function Test (WMFT) (n=23)
- Motor Activity Log (MAL) (n=21)
- Stroke Impact Scale (SIS) (n=23)

12 week follow-up data available (n=23)
- Action Research Arm Test (ARAT) (n=23)
- Wolf Motor Function Test (WMFT) (n=23)
- Motor Activity Log (MAL) (n=20)
- Stroke Impact Scale (SIS) (n=22)

24 week follow-up data available (n=16 of 17)
- Action Research Arm Test (ARAT) (n=16)
- Wolf Motor Function Test (WMFT) (n=16)
- Motor Activity Log (MAL) (n=14)
- Stroke Impact Scale (SIS) (n=15)

Exclusions (n=42)
- Not discharged home (n=9)
- No remaining upper limb movement deficit (n=28)
- Pre-stroke pathology of stroke-affected upper limb (n=1)
- Unable to lift hand off lap (n=3)
- Severe fixed contractures of elbow and wrist (n=1)
- More than 12 months post-stroke (n=1)
- Died before approach (n=1)

Exclusions (n=8)
- Did not consent to referral but agreed to details being recorded (n=2)
- Did not consent to referral or details being recorded (n=6)

Exclusions (n=4)
- Did not consent to trial but agreed to details being recorded (n=1)
- Did not consent to trial or details being recorded (n=3)

Exclusions (n=1)
- Patient withdrawal (n=1)

Consented to referral to research team (n=52)
Exclusions (n=8)
- Did not consent to referral but agreed to details being recorded (n=2)
- Did not consent to referral or details being recorded (n=6)

Exclusions (n=4)
- Did not consent to trial but agreed to details being recorded (n=1)
- Did not consent to trial or details being recorded (n=3)

Consented to trial (n=48)
Exclusions (n=4)
- Did not consent to trial but agreed to details being recorded (n=1)
- Did not consent to trial or details being recorded (n=3)

Consented to trial (n=48)
Exclusions (n=1)
- Patient withdrawal (n=1)

Baseline assessment (n=47)
- Action Research Arm Test (ARAT) (n=47)
- Wolf Motor Function Test (WMFT) (n=47)
- Motor Activity Log (MAL) (n=46)
- Stroke Impact Scale (SIS) (n=47)

Randomised (n=47)
- Allocated to Reach to Grasp group (n=24)
- Allocated to Usual Care group (n=23)

Included in analysis population (n=24)
Included in analysis population (n=23)

Patient consent to contact carer(s) (n=26)
Carer consent to interview (n=12)
Carer assessment:
- At 12 weeks (n=9)
- At 24 weeks (n=6)

7 week follow-up data available (n=23)
- Action Research Arm Test (ARAT) (n=23)
- Wolf Motor Function Test (WMFT) (n=23)
- Motor Activity Log (MAL) (n=21)
- Stroke Impact Scale (SIS) (n=23)

12 week follow-up data available (n=23)
- Action Research Arm Test (ARAT) (n=23)
- Wolf Motor Function Test (WMFT) (n=23)
- Motor Activity Log (MAL) (n=20)
- Stroke Impact Scale (SIS) (n=22)

24 week follow-up data available (n=16 of 17)
- Action Research Arm Test (ARAT) (n=16)
- Wolf Motor Function Test (WMFT) (n=16)
- Motor Activity Log (MAL) (n=14)
- Stroke Impact Scale (SIS) (n=15)

Exclusions (n=1)
- Patient withdrew after intervention, diagnosed with another health problem, agreed to data collected to be used (n=1)

Exclusions (n=1)
- Patient lost to follow-up (n=1)

Exclusions (n=1)
- Patient lost to follow-up (n=1)

Exclusions (n=1)
- Patient lost to follow-up (n=1)