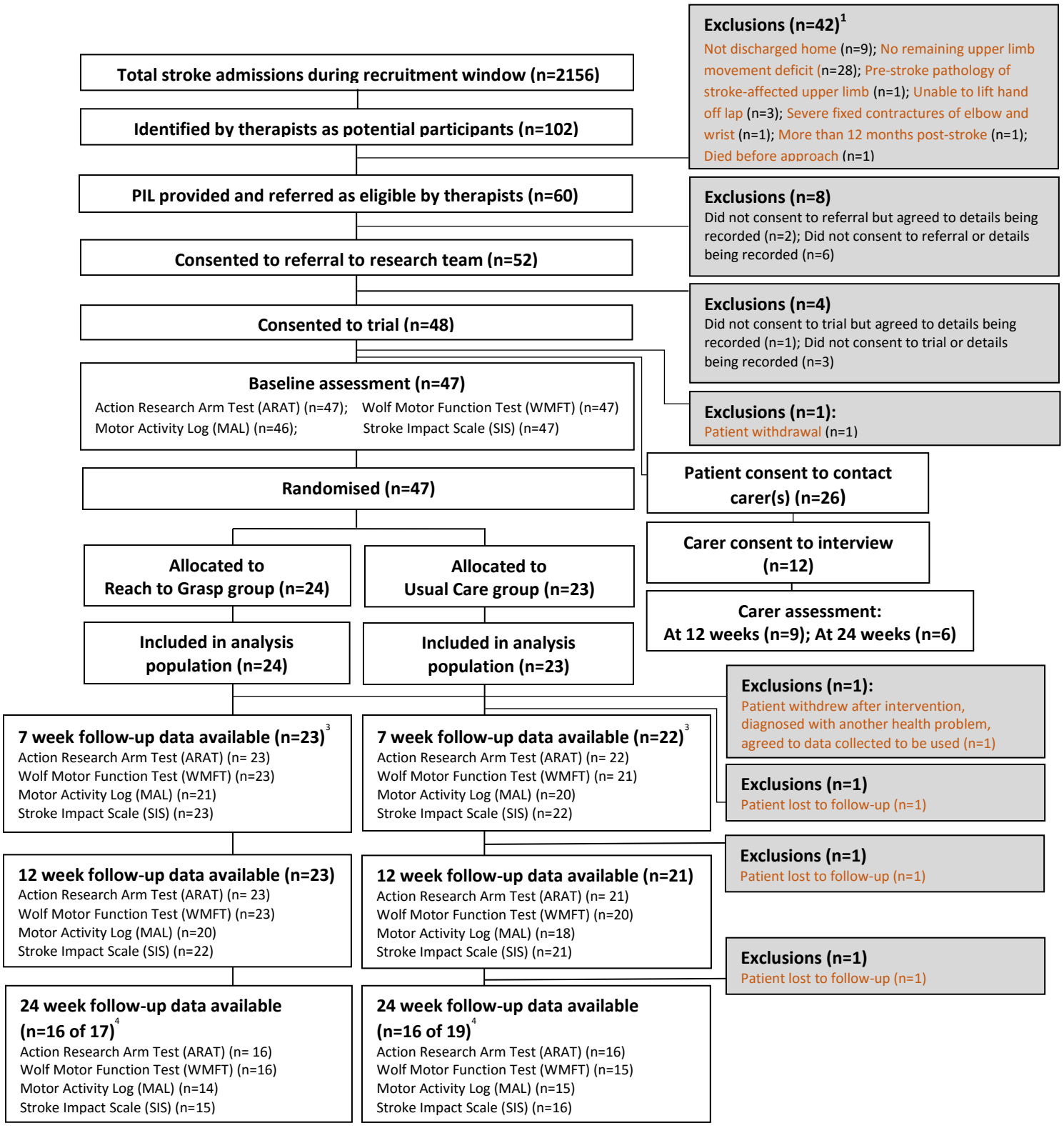
Total stroke admissions during recruitment window (n=2156)
Identified by therapists as potential participants (n=102)
Exclusions (n=42)[1]
Not discharged home (n=9); No remaining upper limb movement deficit (n=28); Pre-stroke pathology of stroke-affected upper limb (n=1); Unable to lift hand off lap (n=3); Severe fixed contractures of elbow and wrist (n=1); More than 12 months post-stroke (n=1); Died before approach (n=1)
PIL provided and referred as eligible by therapists (n=60)
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)
Consented to referral to research team (n=52)
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)
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)
Exclusions (n=1):
Patient withdrawal (n=1)
Randomised (n=47)
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)
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)
Exclusions (n=1):
Patient withdrew after intervention, diagnosed with another health problem, agreed to data collected to be used (n=1)
7 week follow-up data available (n=23)[3]
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)
7 week follow-up data available (n=22)[3]
Action Research Arm Test (ARAT) (n= 22)
Wolf Motor Function Test (WMFT) (n= 21)
Motor Activity Log (MAL) (n=20)
Stroke Impact Scale (SIS) (n=22)
Exclusions (n=1)
Patient lost to follow-up (n=1)
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)
12 week follow-up data available (n=21)
Action Research Arm Test (ARAT) (n= 21)
Wolf Motor Function Test (WMFT) (n=20)
Motor Activity Log (MAL) (n=18)
Stroke Impact Scale (SIS) (n=21)
Exclusions (n=1)
Patient lost to follow-up (n=1)
24 week follow-up data available (n=16 of 17)[4]
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)
24 week follow-up data available (n=16 of 19)[4]
Action Research Arm Test (ARAT) (n=16)
Wolf Motor Function Test (WMFT) (n=15)
Motor Activity Log (MAL) (n=15)
Stroke Impact Scale (SIS) (n=16)
Exclusions (n=1)
Patient lost to follow-up (n=1)