
Access from the University of Nottingham repository:
http://eprints.nottingham.ac.uk/28413/2/Parry%20PhD%20Vol2_transcripts.pdf

Copyright and reuse:
The Nottingham ePrints service makes this work by researchers of the University of Nottingham available open access under the following conditions.

This article is made available under the Creative Commons Attribution licence and may be reused according to the conditions of the licence. For more details see:
http://creativecommons.org/licenses/by/2.5/

For more information, please contact eprints@nottingham.ac.uk
holding the patient's affected hand and flexing and extending his elbow
gazes at the patient's face

"anyway" ( ) I'm sure your wife's

lying on his back on the bed, body musculature appears relaxed
gazing at therapist's face

extends his elbow, lowering his hand
got something at home hasn't she she can bring in
{ooh I'm sure she has yeah }

yeah

bends and straightens patient's elbow

=I'll get her to bring somethink in

gaze lowers from patient's face to his shoulder

slight grip change of her hands on his arm

(1.5)
looking down

further grip change and starts raising patient’s arm up

OK

raising patient’s arm up perpendicularly

(.)

just try and lift your arm up

body visibly tenses especially abdominals and neck, head pushes back into pillow slightly

looks like she is doing much of the work of lifting his arm

(3)

patient’s arm at its height lowers arm

((very enunciated and deliberate)) stop: (. ) just relax

Tension release

slight grip readjustment

T

T

P

T

P

T

T

P

raises arm again this time more straight at elbow

(7)

tenses abdominal and neck muscles somewhat as his arm raises
T gazes up to patient
just before utterance starts, arm is up relatively straight and continues to move slightly straighter

T any pain with ↑that

T gaze down again

P no

T ↑no

T holds arm still and straight protraction starts

T (OK do you want to) try and push up towards the ceiling for me

P ‘effortful’ face, body tenses more than in previous attempt

T slightly more protraction

(1)

T increasing protraction

T goes on (. ) shoulder

T looks down at 0.5, patient’s arm held up still

(1)

T patient’s arm starts to move back into retraction

T and relax

P Σhh

P body and face relax
shifts body position, right leg back, she moves back still holding his arm
has moved to kneel up on treatment bed, looking down directly over patient’s shoulder

ohh give you a hand again

(1)

starts protraction, therapist looking down at patient’s shoulder

ohh so your shoulder’s actually coming forwards like that

tenses, pushes head back, purses mouth

patient’s arm at its height
starts to lower

yeah

\(\Sigma\) yeah ((breathy))
nods

(1)

more relaxed

holds patient’s arm at its lowest and pauses
starts to protract and raise patient’s arm

an again (be so it’s a) pushing you lift up

tenses body and face

that’s lovely
P hh

P relaxes

t downward movement starts

(1)

T and jus let it go

(2)

T slightly readjusts right hand

starts upward movement

an again

T tension again as starts upwards movement, quite jolting ((looks like he’s very active in producing the movement))

patient’s arm is up, at end of pause starts to move down – i.e. retracts

(5)

P hh

P relaxes

arm going into retraction

T and let go

P more relaxed, ((looking to therapist or middle-distance))
body shift to sit down on treatment bed again
changes grip on patient’s elbow, but right hand still on patient’s elbow, left on patient’s wrist,
looks intently at patient’s whole arm, straightens patient’s elbow twice

(7)

halts head to look at therapist as she shifts position, then looks to his elbow and arm as she moves it

(7)

((?looking at patient))
pushing back on patient’s left wrist with her left, opens her hand somewhat ((giving less assistance?))

push up

push up

push up

try and keep yer elbow straight there for me
tenses

lets go with her left hand slightly, patient’s forearm drops slightly and she catches it twice
on third let go, his hand stays up for a short time, with her hand hovering not holding,
intent gaze flicks from shoulder to hand and back

(7)
bites lip/mouth pursed expression, head raises

grips patient’s wrist again

and relax

lowers head

halts head

relaxes shoulder and head
together bend his elbow to 90 degrees
(0.3)

T (turns gaze towards patient))
go.
T (gazing down at patient)), slight grip readjustments throughout
who was holdin that then
P mouth stays in ooh shape

P par↑don

T gazing at patient smile
who was holdin that then me or you d'you think

nods, bigger smile

I was at the end

slight nod

nods

yeah heh heh

{{{laugh}}}

{{{laugh}}}

looking at therapist
T looks to arm, straightens patient’s arm up by raising his forearm
P well didn’t to start with but I was at the end
T patient’s elbow held relatively straight, ((?glance to patient))
T oh O↑K
T slightly releases grip on patient’s wrist
P mm {hm}
T {see} if you can hold that again
P ((?looking up to arm)), doesn’t tense so much
T lets go and ‘catches’ patient’s arm once
P (2.5)
T shifts head and gaze to his left hand
T supinating his arm
T “holdin that° for me
T more tension here
P mouth tense and purses
T looks down up and down, lets go once briefly
P (5)
T face and right shoulder look tense
T holding patient’s wrist again
T and relax
bending his elbow slightly

mouth tension eases off

shoulder's working nicely there

raises right hand slightly and slowly off the bed

°hh hhh ((sigh))

gazing at patient
bends and straightens patient’s elbow
    nodding at patient

how’s that ↓ feel: >d’you feel that (.)

it’s you that’s doing it or d’you

{feel it’s} me

{well I }

keeps patient’s arm up straight
pronating and supinating his forearm

I felt as though was doin a bit towards it

looking at patient, nodding

any{way}

{yeah}
212
213   yeah
has been moving an adjustable height table round to patient’s right side, and has moved a wooden stool and a wheeled stool now stands looking at patient, has asked her about her morning breakfast arrangements: the patient responds that she ate with a fellow patient

oh ↑that’s good more than ↓you

sitting on treatment bed, looking at therapist

no just the two of {us }

↑right) ↑oh that’s nice go:od ↓go:od

nodding

(0.3)

pointing gesture with right hand

oh OK then let’s look then a:t: sit:ting to standing as that’s >gonna be one of our ↓goals

turns

looks down
gestures to treatment bed with right hand
taps bed

>the bed’s fairly ↓low =but oh we want it to be relatively low so that’s similar
glances down
T gestures towards wheelchair, which is over to the left
  looks to patient and leans inwards

T height to your {wheel}chair

P {yeah}

P nods

T moves wheeled stool from in front of patient to a position slightly to the patient’s left side

T so we’ll just see how we {go}

P {with} ↑these ( { })

T {yeah}

P clasps right hand round left wrist
  nods, looks at therapist
  hands clasped together, reaches arms forwards slightly, twice up and down

T points briefly to wooden stool

T do a couple of stretches first just reaching forwards

P gaze down and forward
  slight nod
  starts to lean forward

(3.5)

P leans forward

T reaches quickly to move wooden stool nearer to patient

T °might be too far actually°
by end of pause patient’s hands have reached and are touching wooden stool

turns head right slightly

and then-
{and } back again yeah just {just } to

{mm}

get {used} to going that far down forward

{yes } nodding is sat upright again

pointing gesture indicating forward movement on bed

you may find it easier if you just wriggle this side forwards a little bit more on the

gaze to therapist looks away ((?middle-distance)) starts to shift body forward

shifting self forward on bed

°on the bed°

shifting forward

hitching forward
66 T (manoeuvres patient’s left foot with her foot)
67 T  O↑K jus put that foot that foot there
68 P looking forward
69
70 (0.5)
71
72 T looks to wooden stool
73 T  h  OK reaching forwards forwards ↑there
74 P starts to lean forward
75
76 (4.0)
77 P leans to touch stool
78
79 T  and back up again
80 P starts immediately to move up
81
82 (2.5)
83 P glances to therapist’s face once up, and lowers hands
84
85 T  a↑right and again
86 P raises hands, leans again just as therapist’s utterance ends
87
88 (5.0)
89 P leans to touch stool
90
91 T moves on wheeled stool so that she is a few feet in front of patient
92 T ↓that’s ↑it and back up >an jus do it one more I’m jus gonna watch you from <in front
93 P touching wooden stool with her two hands
starts to move back up
looks at therapist and stays looking
94
95 P (0.5)
96 P looks down raises hands, though does not lean forwards ((slight hesitation))
97
98 T yeah see how even everything ↑is that looks ↑good
99 P leans forward
100
101 (4.0)
102
103 T has wheeled own stool back and is in front of patient
104 T °and back° OK °hh d’you feel then that you could take it from there into stand↑ing
105 face-to-face gaze
106
107 P yeah
108 P nod, slight camera glance
109
110 T =O↑K
111 (0.3)
112
113 T looking at patient’s hands
114 T alright then
115 P raises hands, does not lean forwards
116
wheels own stool slightly nearer patient, still sitting back
reachin †forwards
leans forwards
at 1.3 reaches her right hand out to patient’s left buttock
(1.5)
lean forwards, slight hesitation at ~1.1 seconds
T
hand on patient’s buttock
o(k)ay >I’ll just help you the <↓first ↑time
hand on buttock, fingers flex more at metacarpo-phalangeal joints
(2.0)
leans forwards, bottom doesn’t come off bed
and pick yer bottom up ↑there
bottom comes off
and stand up tall (.)
slightly down then up again
gaze follows patient
go on you can do it (.) there yer go ((throaty voice on last phrase))
ascending towards standing up
unclasps hands reaches right hand towards table at her side

Takes hand off patient’s buttock
looks more to patient’s face

OK (.) love

hand reaches table

=good

slight eyebrow raise, looking forward

sitting back

=yeah that felt all right {there's} no leaning

{yes }
nods

wheels on stool from in front of to more to left of patient
to me >so that’s <good Ḗ hh

gaze down stool is still

and then do then doing exactly the reverse as you go down

starts to bend at hips and makes a slight hand movement over table towards its edge

>so looking after both arms
takes right hand smoothly off table
at 0.5, suddenly opens mouth (in surprise) and sudden quick movement right hand to left wrist at point where patient has hands together

that's {yes}

reaches right hand just behind though not touching patient's bottom

and slowly bending bending both yer knees: starts to bend down more

control it control it

slightly jerky as down

at ~4.0 hands touch stool then off again then on again then off does not descend all the way to sitting

(and ↓down)
is leaning forwards, hands very, very close to wooden stool, bottom not actually down

=yeah and sit down yeah

bottom reaches bed
Is sitting at patient’s left side, mobilising patient’s left, affected hand
gazing at patient

ow’s that feel

that felt bit better (.) phony

nods

(0.5)

mobilising patient’s hand

with a bit of use it might (.) get better

looks downwards

continues mobilising hand for a short time
at 1.5 seconds, stops and puts patient’s hand down on his lap, and looks round behind her to
where various pieces of equipment are piled on a cabinet

(2)

gaze follows his own hand

lets go stands up walks in front of patient towards the cabinet

right let me get something for you te (0.8) move in yer hand (..) ‘ave a look see what we can find

glances up as therapist passes, then looks down
<table>
<thead>
<tr>
<th></th>
<th><strong>T</strong></th>
<th><strong>P</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>picks up beanbag, walks back round in front of patient as she walks round, she looks down and turns beanbag over in her hand, patient’s view of beanbag is blocked by the therapist’s body</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>(8)</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>looks up then to left briefly</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td><em>is now in front of patient,</em> holds beanbag out in front of his face and sits down has hold of beanbag in left hand looks down at it ‘weighing’ gesture of beanbag in her hand</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>O(\uparrow)K just ‘ave a (\uparrow)go at (.) turning this (.)</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>looks at beanbag</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>passes it to her right hand</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>just hold it in yer hand for me {{patient name}}</td>
<td>{yeah}</td>
</tr>
<tr>
<td>27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>slight move towards taking beanbag, then puts hands down again</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>starts to turn it one-handed using fingers and thumb, her hand is across her body so that it is positioned toward patient</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>I want you just to turn it over</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>= turn it over yes</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
T has completed two turns of the beanbag and reaches it to patient

T yeah {OK }

P {yeah}

P reaches out for it with both hands

T hands are in her lap and she looks down at beanbag

(2)

P takes it in his right hand first then passes it to his left hand and positions it there, looking down at beanbag

T reaches across with her left hand

P like that

P has positioned it with long edge along rather than across his palm

T rapidly reaches left hand across towards beanbag, and leans in towards patient

... moves beanbag so long edge is across patient's palm

T well (-) { yeah sidew } 

P {or like that sorry}

P still holding beanbag with both hands

... lets go with right hand and holds it out in front of him in his left fist with elbow extended

T yeah sideways that's it

P turns it over by pronating forearm, (very different from her demonstration which was manipulation of beanbag within the hand to roll beanbag, rather than rolling movement of whole arm)
T leans in toward patient
holds her right hand out and moves fingers and thumb in a rolling motion,
looks at her hand

T >no no just turning it over

P brings his right hand towards beanbag
((no apparent moves to do the rolling action))
looks to therapist's hand

T reaches to take hold of beanbag with her left then her right

P over

P holding it in left hand with right hand on top of it

T places beanbag flat in her left palm

T let me show you again

P gaze follows therapist's hands and the beanbag

P mm

T holding and looking at beanbag with her fingers out and palm up ((weighing gesture))

T so (. ) keepin yer hand nice and o{pen   }

P {yeah}

P left hand rests supinated on his lap

T rolls beanbag three times

T you're just movin the the bag in {yer} hand

P {oh   }

P opens left hand flatter, it is still on his lap
passes it into patient's open hand

T  "yeah" alright

P  takes hold of his left forearm with his right hand (?stabilising), squeezes beanbag, all fingers flex together

T  reaches over to beanbag

P  σ ah° can’t (do)

P  lets go of left wrist

T  has hold of beanbag edge

T  can’t wriggle it

T  rolls it over within patient’s hand

P  ↑no ↑no

T  lets go of beanbag

T  points to beanbag then withdraws hand

T  see if you can use your ↓thumb

P  moves thumb a little, beanbag does not roll

T  does a demonstration of a thumb movement

(2)

P  slight thumb movement but does not roll the beanbag

T  reaches to beanbag, touches patient’s hand, demonstrates thumb movement

T  that’s it (.) to move it (.) push it forwards with your thumb

P  continues moving thumb on beanbag
holds edge of bag, and bends well forwards to look at patient’s fingers

P holds and moves beanbag very slightly

T bends forwards over patient’s hand

P "no::o"

T bent down and looks at patient’s hand, ‘pulls’ on patient’s index, then other fingers

(2)

P still looks down at patient’s fingers, withdraws her left hand

(3.5)

P does two squeezes of beanbag but does not roll it

T sits back, touches her pockets, looking down, touches beanbag once

P "mm" "no (I can-) no I can’t"

P still squeezing beanbag

(.

T looking forwards stands up and walks in front of patient

T aven’t got a pen at the moment I’ll just find something to move (0.5) with yer thumb

P still hold of beanbag, looks down, continues squeezes does more thumb movement

T walks behind patient to cabinet where there is equipment, fetches a red ball

(12)

P patient continues to hold and slightly move beanbag
134  T  as she returns, walking in front of patient, she looks down at and takes beanbag out of patient’s left hand
135  P  °aah°
136  T  facing patient, red ball held in her right hand in front of herself and the patient
        sits down
        ball in her left hand, thumb on top of it
        thumb moves and ball rolls slightly
        raises ball
        moves it towards patient then away
137  T  right just try with thi:s: (.) all I want to see really is you just movin it with yer thumb and holdin it with yer fingers
138  P  beanbag is out of his hand
        leans very slightly to therapist, looking at ball
        right hand holds left wrist
        opens hand then lets go
139
140  T  does another small demonstration of ball movement
        passes it to patient
141  P  yes {yes   }
142  T  {al↑right}
143  P  reaches both hands towards ball
144
145  P  aa=
146  P  has it in both hands, places it in open left hand with his right hand
147
148  T  moves own hand away, starts to demonstrate
149  T  =so hold that {(.) with} the tips of yer fingers
150  P  {Σ ah   }
151  P  has it in hand but not really tips of fingers as per her demonstration

152  T  with left hand demonstrates the finger and thumb movements
153  T  just see if you can move your thumb to move it
154  P  starts a small movement
155  (.)

156  T  stops demonstration
157  T  that’s it (.) just the tip of yer thumb >not working
158  P  squeezing ball
159  T  holds left hand out and wiggles thumb up and down, large amplitude movement
160  T  now wriggles fingers
161  T  quite so ha:rd (.) just tryin to wriggle it in yer fingers
162  P  glances to the hand
163  T  does a small finger wiggle
164  P  small squeezes continue
165  P  (Σ no)
166  T  opens left hand, looks down and stops the movement though hand still held out
167  P  no it’s not ((sighing))
168  T  does a small finger wiggle
169  (2)
170  P  squeezes very slightly
171  T  leans slightly up and in to patient and turns head more to him, still looking at ball,
172  T  lowers left hand onto her right hand on her lap, slight shaking of head
173  T  yer working ever so ‘ard >it’s not that difficult
very slight squeezes continue

no

reaches and takes ball out of patient's hand holds it in her left hand in front of patient
does a squeeze of ball

no because you don't need to (.). really grip

his left hand stays supinated and open, with his right hand he continues to grip his left forearm

rolls ball side to side, looks different from her first demonstration,
is more of a pronation and supination movement so ball goes side to side
starts to roll ball with thumb forward and backwards

it you just need to try (an) try and move it either

no {ah}

sideways movement of ball by rolling hand over rather than much thumb movement

forwards (and) backwards or sideways

puts ball back in patient's open hand

{mm}

hands folded in her lap

(that's ah)

squeezes ball again, slightly more thumb movement
that’s better

at end of pause, raises her left hand and demonstrates a slightly different movement (2)

3 more squeezes

t side ways

glance to therapist’s gesturing hand

(7.5)

hand is more supinated, squeezes but does not appear to get sideways movement

ah uh uh

reaches to patient’s thumb

am I doin al righ uh

slight hand movement towards therapist

has hold of patient’s thumb with right hand raises her left hand too and both reposition his thumb more on top of ball

↓ye:ah jus need to work on that (. ) on that thumb

mm

thumb is only a little more on top, no apparent movement

takes hold of patient’s thumb again with her right hand and his fingers with her left hand

need to
230 T moves patient’s thumb so ball rolls sideways, grips as before
there is a noise from another patient in the gym: therapist glances over, then back down to patient’s hand
(5.5)

233 T lets go of assistant’s hand then puts hands on her lap

234 T that’s it (.) like that

235 P continues moving ball side to side slightly

237 T 4 seconds into the pause, she reaches over and takes ball from patient
(7)

239 P moves ball side to side but is pronating and supinating, rather than moving it with thumb
he readjusts his right hand
when therapist takes ball he turns his head and gaze to follow her actions

241 T has ball in her thumb and index, with index on top and rolls it (rather than thumb on top as before)

242 T right and then the other thing I want you to do is jus see if you can hold it between yer

244 P looks to therapist’s hand

245 T shakes ball
taps own thumb with her right hand
starts to pass ball to patient

246 T finger (.) and yer thumb

247 P raises hands towards ball

249 P thumb
T reaches for patient’s left hand
T it’s probably a bit big for that
P {oh yeah }
T with two hands assists patient’s positioning of ball in his left hand
P (2)
T lets go of patient
T see how you go on
P oh
T takes hold of patient’s wrist with her left hand
P pronating / supinating action five times
P has not positioned it in his hand quite as therapist had it: ball rests along the side of patient’s index rather than tip of index on it, and his thumb is on top rather than on the side
T demonstrates with own left hand with finger up and thumb down slightly
T just try and move it without moving the wrist too much
T looks to therapist and stops movement
P oh yeah (~)
P Soooaah
P virtually no movement
T takes hold of patient’s finger and thumb which are holding the ball
T "that’s it" so your
Twice turns ball, which patient is also holding, as she does so, ball drops to floor to patient’s right

(T) reache[s] down quickly to ball

(P) ooh

(P) looks down to ball, still holds his hands in the position they were in when manipulating the ball

(T) gets off bed and goes down to get ball

(P) aah ooh dear

(T) down and getting ball

(T) huh *h

(P) glances way to right, (?at other patient), does not look down at ball

(P) as therapist comes up in front of patient, he looks downwards quickly

(T) coming up in front of patient

(P) sorry

(P) looking down and left

(T) therapist changes direction and walks away round patient’s right side and the bed

(T) =s’alright let me see if I can find my (. ) my pen

(P) looks down

(P) looks to left to where beanbag and his shirt are
is mainly off camera – she is at the filing cabinet which has equipment on top of it

looks in direction of shirt and beanbag
at 6 seconds, he looks down, at 8 seconds looks forwards
at 11 seconds he starts to squeeze left fingers and thumb then looks down to them then rubs his left wrist

((off camera)) ooh five one two six ((to other therapist))

at end pause, she walks in, in front of patient, holding a pencil
rubbing his wrist, stops just before therapist is seen to re-enter camera view
holds pencil in front of her
sits down, holds pencil in front of her horizontal in thumb and finger tips,
looks down at it
((coughing)) this is better
glances to pencil

still holding and looking at pencil
leans in more towards patient with the pencil held out
not ‘avin a very good ↑time are we
very slight head movement towards therapist

slight glance to therapist
T looks down at pencil, still holds it out
((throughout turn does not look up to patient: head, gaze and body appear oriented to pencil))

T moves pencil nearer to patient and starts to roll it in her thumb and index finger

T =no you’re doin fi:ne øh >I want you <just to practise just movin that over {yer } fingers like {that } {yeah}

P opens own hand slightly

P {yeah} {Σ°aah°}

T see if you can manage øh s- that’s quite difficult that’s

P slight hand shift towards pencil

T passes pencil into patient’s hand

T asking quite a lot of yer thumb really

(5)

P grips pencil between thumb and fingers, not much visible rolling pencil movement is apparent

T reaches towards the pencil but doesn’t take hold

T ↑mm oh: that’s better ↑yeah

P very small movements of pencil and fingers
1 (8) therapist is in the treatment cubicle, but looks out of it through the curtain i.e. her back is to the patient
at 6.0 seconds, turns to patient
patient is looking downwards with head slightly turned towards therapist

2

3 T is at patient's right side and puts her knee up on the treatment bed
   places hands on front and back of patient's trunk

4 T right up we ↑come
5 P looking down
6
7 (0.5)
8 P glance at therapist's hand then to middle distance and forward
9
10 P (yes ↑up we come)
11
12 T looks down to patient's trunk, then moves hands from it to the patient's right arm
   moves arm up and down twice, observing it
13 (13)
14 P raises head slightly, straightens trunk slightly,
   turns to look to his hand as therapist raises his arm
15
16 T lowering the patient's arm back down
   puts patient's right hand down on his lap
17 T right ↑OK:
18 P looking down
   starts to raise his left arm slightly
T walks round to patient’s left side, looking down
picks up patient’s left, affected hand and raises her knee onto treatment bed

T just seein’ how they work on that side

T looks at posterior aspect of patient’s shoulder
raising his left hand

takes hold of patient’s left elbow with her other hand
raising patient’s left arm higher and higher

T compared to (.) what’s happening on this side

P {yes}

T lowers patient’s arm

P Σ:mm

P looks forward and down, middle distance

T gets on treatment bed with both knees, to move further behind patient
raises and lowers his arm three times
then changes grip and appears to palpate patient’s left biceps and elbow

P (15)

P looking forward, middle distance, looks briefly down towards his arm when therapist changes grip

T moves hands so both are on his affected hand and wrist

glances up to patient

T oh so where does it (.) feel stiff

P rapid, large amplitude head turn towards his affected arm
starts to reach over with his right hand
is still kneeling on bed on both knees, at patient’s left side

{in yer ha}nd:

{just in the}

his right hand touches the open palm of his left, affected hand
is looking at it

looks closely at patient’s palm and makes slight grip adjustments, turning the palm up
puts her thumb over his wrist

in the ‘and in the- guiders I
draws right fingers over his affected left palm twice
looking down to hand

turns patient’s hand over into pronation, continues to look at it

think in the ‘and

starts to move and lower his right hand back towards his lap
and moves gaze to look forwards and down

starts to move patient’s affected arm
arm stretched fully forwards
back
forwards

((serious ‘thoughtful’ tone)) right (. ) so the elbow feels OK does {↑it }

{the}

gaze forward and down
brief glance to therapist
patient’s arm still moving back and forward
elbow’s (uh) feels alright yes
looking at patient
shoul†der
yes
arm comes to a stop, in a position partly stretched forward
no problems
keeps hold of patient’s left hand and arm in this position
no
slight head shake and turns gaze forward and down again
(.)
{no }
{†no}
adjusts grip on patient’s hand
(0.5)
mobilisations of patient’s finger and thumb joints start
mainly the hand
looks down to his left hand and the therapist
shifts her body position, climbs off treatment bed and sits down on it, keeping hold of patient’s hand and looking down at it during the move also continues the mobilisations of his thumb joints as she moves (2) maintains a gaze downward and forwards reaches sitting position on treatment bed

"hh it’s still a little bit swollen in’t it- >ave you been doin that massage
that we suggested reaches up to scratch right ear with right hand continues to look down and to mobilise his finger joints ye:ś yes
mobilising patient’s thumb looks up to patient at end of pause
(1.5)
looking at patient, mobilises thumb glances to patient’s hand looks down
I’ve been doin the finger exercise an that brief gesture with right hand
yeah
101 T mobilising fingers
turns head to look at patient
102 T ‘ave the OTs seen ↑you
S3Ph4PaMT1/2.09

1 T kneeling on treatment bed behind patient, her hand is over patient’s left hand
2 T al:ri:ght >are you happy standing ↑there
3 P ↑yeah yeah yeah
4 P standing with hands resting on adjustable height table in front of him

5 T climbs to move closer to his side,
her right hand behind his left elbow, her left remains flat over his left hand
6 T OK
7
8 T slightly readjusts / moves her hands on his arm as she clambers forwards
9 (2)
10
11 T what about just
12
13 T looking downwards
turns head towards patient and smiles soon after his hand movement has begun
14 (4)
15 P immediately starts to flex trunk, his left elbow flexes
then his hand starts to push forward a little, with a judder
as therapist looks and smiles, patient stands straighter
and draws arm back
looking down at hand throughout
$I hadn’ even said then$

at start of therapist’s utterance he is at end of drawing back his arm
at end of utterance, starts to move arm forward again
with slightly audible out breath and closes mouth ((appears effortful))

appears to give more assistance to patient’s arm movement,
looks down towards end of pause

another arm forward and back movement - smoother

starts utterance as patient’s hand is still coming backwards
looking down at hand
patient’s hand is in furthest back position
readjusts her hand on his

right >I want to try and move ye- arm (0.2) and at the moment you’re actually

looking down throughout
opens mouth ((?effort or sigh)) nods

looks up to patient

<using sor- of just moving yer body
yeah

nods

looks down to hand again

^h to move your arm

mm
38  T  draws patient’s hand back slightly and looks to patient
gazing down
39  T  OK so if you ↑let me ↓do it (.) >I just want to <↑feel what it's like
40  P  nods
42  P  "uh huh"
44  T  begins to guide patient’s arm forwards
45  (2)
46  P  does not flex trunk or hips
48  T  it's ↑really just
50  T  looking at patient
52  P  another forward and back arm movement, then forward again
54  T  look at patient  changes body position  looking at patient still
      puts right foot on the bed  (was kneeling on it before)
55  T  as far as that >= that's as far as yer <arm can go  oh to make your arm go any further
56  T  yer quite right you’d ↑have to {then:  }
57  P  {have to} move me body
58  P  nodding
59
60  T  looks down to patient’s hand again
    starts sliding hand and arm further forward so far that patient’s trunk flexes
    gazing at patient

61  T  bend over (.) and move yer body ↑wouldn’t you

62  P  mm
sitting in front of patient on a stool, holding patient’s hands in his
looking downwards
starts to raise patient’s hands out sideways
  starts to bring the hands somewhat forwards too
right OK
sitting on treatment bed
  slight head poke forwards and backward
  looks down (?at therapist)
  arms start to move under therapist’s guidance
continues to look down to patient’s legs / trunk
continues forwards and outwards movement of patient’s hands,
movement pauses at end of silence, arms held still
(2)
looking down, but a short eyebrow raise and glance up to therapist's face as he raises her arms,
shoulders shrugging up as her hands raise and elbows straighten,
leans forwards with the arm movement
arms held still
looks up to patient’s face and slightly lowers her hands
jus gent{ly}
{d’ }you want me to s:- s:-
looking at therapist’s face before this utterance starts
eyebrow raise
14  T  lowers patient’s hands down and in slightly,  
also pronating the forearms as he does  
looks at patient’s face  
at ~2 seconds he draws the patient’s hands forwards again

15   (3)

16  P  keeps looking at therapist,  
eyebrows raise on the second raise,  
a small head shake and a mouth movement – blowing out slightly  
((face expression looks questioning or bemused))  
leans back then forwards with the arm movements

17

18  T  patient’s hands held forwards, almost still  
head turns, looks to patient’s left and his own right hand

19  T  “just follow my ↑hands°”

20  P  looks down and forwards  
her gaze follows therapist’s to her left hand

21

22  T  looks forwards  
draws patient’s hands forwards more.  
At ~1.5 seconds, looking at patient’s face,  
slight vertical lift and lowering of patient’s hands  
gaze lowers just after patient’s hands lower

23   (2.5)

24  P  looks down then up at camera with a ((wry)) smile

25
looking down at patient’s hands which are at their lowest
shifts grip, letting go of patient’s hands then taking hold of
backs of hands/wrists, pronating patient’s forearms and hands more rapidly

$huh$ $hh$

gaze has lowered again
still smiling

looking down, drawing patient’s hands forwards again, her forearms well pronated
slight pause when arms are all the way forwards at ~2 seconds,
then lowers the hands, still looking down

(2.5)

looking down, leans forwards as her arms are drawn forwards

looking down, patient’s hands are going backwards
end point of the backward movement

$jus$ wanna see how you ↑move$

leans back with the arm movement, looking down and still smiling

looking down
slight adjustment of grip on patient’s hands which are paused in backward position,
then draws them forwards again.
at ~3 seconds fully forwards,
then half way back with slight grip adjustment and head raise

leaning forwards and back following therapist’s movement of her arms
hands are back, starts to draw them forwards during this utterance,
gaze at patient’s face then down again

 draws patient’s hands well forwards and pauses with them forwards,
while pausing, sighs and then turns head towards assistant and
starts small vertical movements of patient’s hands in his

(3.5)

 looking down
leans forwards again following the therapist’s movement of her hands and arms
as therapist’s head raises towards assistant’s,
patient’s gaze raises briefly to therapist then up over his shoulder (?at camera)
then back to therapist’s face

gazing at assistant
keeps patient’s hands and arms forwards
and does small vertical movements up/down (‘weighing’ gesture))
52  T  turns head towards patient
   lowers patient’s hands down again, still pronated,
   when hands are most of the way down and back to her body,
   he lets go of his grip on backs of her wrists and moves them
   further up onto the back of forearms momentarily then to back of patient’s arms just above her elbows
   quick glance to patient’s left arm as he changes grips
53  (4)
54  P  leans back as therapist moves her arms backwards
   when they are back, her smile widens
   a further relatively long camera glance towards end of this pause ((researcher is moving camera))
   then looks down again and looks briefly at therapist’s left hand as he adjusts his grip
55
56  T  looking down
   has hold behind patient’s lower arm just above backs of elbows
57  T  °mm°
rapid gaze shift towards patient’s legs/trunk, now has more of a fingertip touch
than a grasp on back of patient’s arms, starts to draw these forwards
does so for 3 seconds, then pauses, and head and trunk and gaze shift to patient’s leg
Towards end of pause, returns head and gaze to a more central position
towards end of pause, a slight backwards movement of his trunk
and her arms then further forwards and pauses well forwards

brief look at therapist’s left hand, then looks down,
bends forwards as therapist draws her arms forwards
Brief glance up to therapist’s face as he draws her arms forwards
Then following therapist’s gaze shift to look to her left leg, she looks down
Just as therapist’s head starts to rise and centralise,
patient looks up at his face and maintains her gaze on his face

looks slightly down and centrally
arms paused

↑what am I tryin to ↓do:

slightly lowers gaze and slightly to right
gazing at therapist’s face, slight nod

looking at patient’s face
shifts hands to grip front of arms (distal biceps)

looking at therapist
gaze at patient’s face
shifts hands over her arms towards backs of patient’s arms
  slight head shakes
  starts to draw patient’s arms further forwards again
    speed of movement forwards increases
  pauses in forward position, looks down

^well^ (.) ↑you just follow my ↑hands hah hah hah hah hah (.)

bends forwards with therapist’s movement of her arms
  slight head shake and looks down ((?resigned / wry expression))

looking at patient
  movement is paused
  starts to move patient’s arms backwards again, head raises
    patient’s arms well back, most of way towards her body sides,
    therapist shifts grip to fronts of patient’s arms (biceps)
I’m de↑liberately not (.) ↑telling you

follows, leans backwards
  looks up to therapist
  slight smile

^mm hm^$

at therapist then lowers gaze, slight head turn to her side (where assistant is), smiles

lowers his hands slightly over front of her arms
gaze to patient’s face
T gazing at patient
own has hold of back of patient’s upper forearms,
starts draw patient’s arms forwards again and supinates them

T hah hah >which is very frustrating in’ it

P looks to left slightly,
smiling
leans forwards as therapist moves
looks to therapist’s face

looks down, continues to lean forwards and down

T looking to patient’s face
then lowers head and gaze down and to his right towards patient’s left leg / lower trunk

P =absolutely

P eyebrows raise, looking down, well bent forwards

T looking down to his right, her left
continues drawing patient’s arms forwards, supinated, pauses at end

P looking down

T moves patient’s arms back again, still looking down and left
pronating patient’s arms more

T hh I just wanna see how you ↑move

P follows the lean back, looking down

T pauses with patient’s arms back

P (0.3)
still looking down and to his right slightly
rapid forwards and supination movement of patient’s arms
what you’re (0.2) °hh ↑tending to ↓do °hh (we-)
looking down looks up to therapist
adjusts grips so they are now over fronts of patient’s elbows and draws patient’s arms forwards and into supination ((?sighs))
(3.5)
as therapist draws her arms forwards, she looks down again and follows with arms and trunk
looks up to patient’s face, holds her arms forwards
adjusts grips head raises to patient more
and yu- (. ) uh (. ) when you say you’re gettin:
looks to therapist, leaning back
extends own trunk
takes hands off patient’s and places them on his own lower back
the arthritis in your (0.5) round the outside here
nods and looks down
mm↑hm
Therapist is assisting patient to walk, a junior therapist is pushing a wheelchair behind, therapist is to patient’s left, affected side, and sitting on a wheeled stool, patient has a tripod walking stick to support his right side, therapist has been bending down to help his left leg forward each time it needs to step forwards.

T 
↑have you got any ↑shoes ↑(patient name)
1

P 
yes
2

J (but his) feet are too swollen
3

T mmhmm
4

T (n) they don’t ↑fit at the ↓moment
5

P pa{rd-
6

T {th }is is ↑excellent
7

P ↓is ↓it
8

P ((sniff)) ↓are you trying to encourage me are ye
9

T wa- what do you think
10

P yes
11

T normally you have two people helping you to ↓walk
12

P do I
22 T  gazes to patient’s face
     at very end of pause, therapist lowers her head and gaze and moves her left hand on his buttock slightly
23   (3.5)
24 P  well ↑ one is supported by (a ) stick
25   (0.2)
26 T  looking at patient, then lowers eyelids
     starts a body shift - bending down to reach towards patient’s left foot with her left hand
     fully down (?has hold of patient’s foot)
27 T  yeah↑ (.) but there’s still: (it’s) two people and a stick normally
28 T  isn’t it so:: ↑LEFT LEG ↑then or are you going to do your right
29 T  ↑good an again
S1Ph1PaBT2/11.16

1 T go on I'm with you >I'm near you
2 P has been sitting on treatment bed, is attempting to stand up, has previously practised this with support of a stool in front, stool has now been removed rising towards standing

3

4 T is sitting at patient's side on a stool looks up towards patient towards end of pause
5 (1.5) P rising towards standing

7

8 T su:perb
9 P rate of ascent slows

10 (0.2)
12 P "good"
13 P looking forwards

14 (1.0)
16 P standing still and relatively upright

17

18 T yeap

19

20 T turns head to left, reaches with left hand to indicate where the stool was in front of patient
21 T and then <stil:ll imagine where it is there (.) price n down
22 P starts to descend

23
24 T  is sitting, watching patient's legs/arms/trunk
25 P  (2.0)
26 P  slowly descending
27
28 T  bending those knees
29 P  looking down, slowly descending
30
31 P  (5.0)
32 P  descent slightly jerky
33
34 P  I'm a bit wobbly
35 P  is about half way down, and still looking forwards and down
36
37 T  very small head shake, still looking at patient's legs/arms/trunk
38 T  =no but ↑that's ↓fine >I'm just so impressed with the con↑tr↓ol you've ↓got
39 P  still looking down, and lowering self slowly
40
41 (3.0)
42
43 T  head and gaze up to patient's face
44 T  ^ex↓ellent we'll ave a breather {(.>w)e're gonna do two more
45 P  {yes }
46 P  bottom is down on bed nodding
   turns to therapist, smiles looks down ((appears shy or embarrassed at the praise))
47
48 T  slight head shakes and makes a gesture of opening hands
49 T  and then that'll be it for the sit to stand
50 P  nods repeatedly
mm >yer  
g >I think you just gotta keep  
°hh

time rising quicker  
movement stopping

at patient

gesture left hand upwards

ex↑periencing it {have }n’t yer ↓really  
↑fee↓ling it whad it’s like when yer

{yeah}

nod eyebrow raise

nod, body is stationary

two hand gesture ((indicating ‘balancing’))

bottom comes off the {↑bed } >and you feel like >ooh crikey

{that’s it}

rubbing knees

{l’im  } only on my {two } ↑legs you ↑know

{yeah}

{yeah}

looks down to arms/stool

°hh and then back ↑down a↑gain

gradually starts lower arms and descend, flexing trunk

(2.0)

slightly jerky descent
looking up to patient’s face
they’ve ad long enough rests aven’t ↓they
about half-way down at start of utterance
still slowly lowering and looking forwards and down
(1.5)
gaze follows patient down
wheels stool back slightly
has adopted a leaning forward posture, elbows on knees
leans towards a position
that is more face-to-face with patient
WE:LL: ↑I ↑think they’ve been working as (. ) ▲h much as they ↑can ↓do
hands on stool
( .)
hands off stool turns face and gaze to therapist (bottom is not touching bed)
{since you’ve had} the stroke {you } know
{yes ( )} {mm}
looking at therapist, nods
bottom is now on bed
looking at patient
{> I think } thud it’s just that they ▲h – the stroke made them well wi {one } leg anyway ↑wea↓ker
{mmhmm } {yeah}
looking away looking to therapist
sloping hand gesture

and like you say as yer having more re{sts y- y- yo}u do yer legs

{yeah }

at therapist

gaze moves away - forwards and down
readjusts hands

slight nods gaze down

do sort of um h lose their ↑strength I’m sure

gaze down and forward slight nod

(.

up to patient

h b{ut } yer ↑gettin there ↑now

{yes}

raises hands slightly glances to therapist

good

further forward and upward movement of hands ((same movement as recurrently adopts when she starts a stand))
glance to therapist and nod

down to stool

moves forward on stool and hands go towards wooden stool

>yeah WE’LL DO ↑AG↓AIN and we’re gonna try

still sitting in readiness
left hand taps on stool, then reaches toward the carrying hole in middle of stool's top
without the stool so you’ve still got to reach as
lowers down hands
gesture with right hand – strokes along stool and back, and leans forward
moves stool away
↑F:AR and as ↓ow bu – I’m gonna put the stool to the…
( . )

P

'o'h

P

(yawn) (yes) thank ↑you

A

good

(3.8)

T

sure you're alright

P

yeah

(0.4)

T

you don't want a drink o(r) anything

P

'o'h ("no I shall manage for a minute or two")

(0.8)

T

> ave you ad en↓ough

(0.3)

P

no: >I'm not bothered ((flat tone)) (0.2) 'sup to you entire↑ly

(0.3)

T

no it's ↓no:t (0.2) doesn matter to ↑u:s (up to) you

P

↓m↑m

(1.0)

P

ohw

P

(think you)

( )

P

(think) you achieved some↑thing

T

↑ d'you think you achieved {some↑thing}

A

{"yeah"}

(1.0)
Ph not up to me it's up to you

{T} {hhhhh}

P {teacher}

T hh uh huh $the teacher$

{T} {hh} ↓no:

P (0.3)

T "h s' what ↑you want you gotta get better {aven't} you

P {ahh}

T {↑yeah}

P {(no)} but I can- I don't know ↑what's ↑be↓ter

T > ↓alright (. ) ↑well to be able to sit was your ↑fiːrst ↓goal

P ye{s}

T {and} you ach↑ieveved it

P yes

P (I've) achieved something {↑ye:}ah:

P (0.5)

T very good

P mm

T (0.2)

T <uh: m still sometimes (0.2) (patient name) (. ) you're (. ) you are falling this way

P =yes I know

T so we just need to perfect it a ↑little bit more so that you don't ↓fall >you can ↑sit

all con- con↑sistently right

P mm

T ↑ye:ah
in a session

without falling say > I mean we should (a) count 'ow many times you lost yer balance say

probably been about five (.) and you aim for n- no times losin' yer balance

'ave you ad enough in 'ere today

yes thank you

yeah

you've done very well

good

how long did he last: compared
to last time

just loads more
e done loads more

yeah I mean before if you know > you'd sit up wouldn't you

and you'd be everywhere and (s like) I needed to be at your side

yes:

side all the time cause you were just falling to your left

very much

cause we though (patient name) we'd 'ave three of us: because oh yer sittin

oh yeah
82  T  wasn’ good eno{ugh}
83  J  {no}
84  T  =but {we } ↓don’t need ↑three
85  P  {mm}
86  J  {ho no not at all}
87  T  {$he he hmm $}
88  P  °ah hm°
89  T  so you ↑must be better
90  P  must be better °hh hu hum
91  J  yeah
92  T  try and keep yer…
     (instructions follow as the patient is assisted to get dressed)
S2Ph5PaMT1/2.13

1  T  right (.) d’you want to ↑hold onto you:

2  P  standing with hands resting on an adjustable height table in front of him

3  T  standing to patient’s side
  points to patient’s left hand

4  T  left arm again I’m going to <move the table out of the way before you sit ↓down

5  P  moves to take hold of his left wrist with his right hand,
  and raises his hands clear of the table

6

7  P  yeah (OK)

8  (5)  (patient looks down, therapist pushes table away)

9  T  let me move my ↑stool: as ↑well

10  (3)

11  T  stands and reaches forwards and up to put her two hands one on each of patient’s shoulders

12  T  have a sit down for me

13  P  standing
  starts to bend

14

15  (3)

16  audible cracks as patient sits down

17

18  P  ooh I can ‘ear that crackin

19  P  smiling, starts this utterance before fully down

20
21 P $^\text{ohh}$ $^\text{ohh}$
22 P looking at therapist, then downwards
23
24 T looks down, sits down
25 (1.5)
26 P glances at therapist and nods
27
28 T gaze down to patient's knee
29 T {al\right}
30 P {d' you hear} (that) crackin ↑then
31 P reaches to touch his left knee, glances at therapist
32
33 T nods
34 (1)
35 P rubs knee
36
37 P $^\text{ohh}$
38 P smiling ((?wryly)), stops rubbing
39
40 T looks down points to patient's right knee
41 T (an) it was your ↑right knee that used to be a problem isn' it
42
43 T looks down ((intent/serious facial expression))
44 P ↑yeah yeah
45 P gazing at therapist
46
47 (3)
48 P glances down
50  T  bites lip and sucks in breath
    points to and taps patient’s left knee, looks up to him and shifts body slightly
    nods
51  T  >hh that’s our <biggest problem walking at the moment () definitely
52  P  glances at knee as therapist taps it then up to her face
    nods
53  (1)
54
55  P  snappin it back ↑yeah () yeah.
56  both now looking down at patient’s left knee
57
58  T  gazes up to patient
59  T  an I think it’s worth spending the time as- ↑as we ↑have been doing
60  P  gazing at therapist throughout
61
62  P  yeah getting some {erm (muscles)}
63  T  {↑just doing  } it
64  P  nodding
65
66  T  gesture with her right hand
67  T  even it it’s ju{st () >si}t to stand I mean it’s <↑good to ↓walk
68  P  {yeah  }
69  P  nodding
70
71  (.)
72
73  T  look to patient
74  P  yeah
P small nod, looking at therapist

T "hh but we don’t wanna overdo it at the same time

(1)
P nods, looking down

T nods

P nods, looking down

T well I’d soon(er) be able to do it properly

P looking down

T looks up to therapist

P {yeah }

T {(tha) y k}now get some muscles back {(again)}

P {I mean} ((louder))

T looking down

P looking at therapist

T hands still

T ↑muscles working but at the

P nods

T same time there’s no point letting you do it wrong
no

slight head shake

leans back again slightly
  looks down to and reaches for patient’s right knee with her right hand
  moves gaze to patient

=all the time \( \uparrow \) more of a point that yer \( \uparrow \) knee’ll probably get sore if we let it \( \text{snap} \)

looks down to own knee

around all the time

nods, unsmiling

gazing at patient and nodding

(3)

stops nodding

looks down

looks up to patient

\( \text{\`h s’} \) praps have a look at yer walkin’ again to\( \text{\`morrow} \)

up to therapist

mouths ‘OK’

(0.5)

they are gazing face to face and both sit still

smiles

I was thinking today cause you’ve been (.) \( \text{\`resting over the \$week\$end} \)
123  P  $^{°}$heh$^{°}$
124  P  *big smile and laugh*
125
126  T  =like you ↑said you said you (we-) get a bit
127  T  ↑la:zy don’t you {you} ↓yeah
128  P  {yeah} ↓yeah
129  P  nods, looks down
130
131  T  ↑yeah
132  P  ↓yeah
133  both are looking down now
134
135  T  looks up toward patient
136  T  =had about enough for today
137  (0.5)
138  P  moves head and gaze to look at therapist, nods slightly
139
140  T  smiles as patient sighs
141  P  her shoulders jiggle as if laughing too
142  P  ((sighs)) ³huhh yeah I ↑think ↓so heh heh heh
143  P  *sigh and big smile*   nods
144
Patient has just come to the end of a short walk in the gym with the assistance of Physiotherapist 9, a junior physiotherapist and a walking frame. The junior has fetched the patient’s wheelchair and she has sat down in it. The patient sits looking at the therapist, therapist is crouched on floor to patient’s left (stroke) side, junior in same position on the right.

1 T  you’ve done ↑very ↓well
2 (0.5)
3 P  good. (I’m) glad to hear that
4 (.)
5 T  much better
6 (1)
7 P  °can’t talk very well°
8 T  turns to look at junior therapist
9 P  turns to look at therapist
10 T  (patient ↑name) (. we need to (. make sure that you can walk on yer own don’t we
11 P  (patient ↑name) (. we need to (. make sure that you can walk on yer own don’t we
12 P  turns to look at therapist
13 (.)
14 P  ooh we do:
15 T  yeah so that {you can n:}
16 P  {we ↑do: } {you can n:}
17 P  an I’ll (t) try and ↑help
18 P  voice sounds tearful towards end of this utterance
19 P  raises right hand towards own mouth
20 T  =↓yeah >you’re doin everything ↑right (. so far {t- (. } to ↑get there
21 J  {↑mm}
22 P  raises right hand towards own mouth
right hand is now resting on her chin, 

looks down and to right, away from Therapist 9, eyes are downturned ((?sad/ashamed))

brings right hand to patient’s left shoulder and rubs it, 
tilts head close to patient’s face, gazes at patient’s face

↑alright

(0.5)

strokes patient’s left arm

*jus gonna take you back° ((soothing tone))

hand remains on chin, continues to look down

hand lowers towards her lap

hand remains on chin, continues to look down

hand lowers towards her lap

↑uh

=an we’ll sort you out with the right frame or ↑whatever (.) an you’ll be fi:ne

good ((sad tone))

↑alright (.) well done you’ve done brilliantly

.... the therapists wheel patient out of gym in her wheelchair
S1Ph2PaCT2/2.59

1  T  kneeling at the patient’s left foot, one hand is over front of patient’s left knee, appears to apply pressure through this hand, to keep the knee straight, her other hand is behind the patient’s left hip appears to decrease pressure on patient’s knee, and the knee bends somewhat

2  T  try an straighten ↑that knee ag↑tain

3  P  stands with his right, unaffected hand on a table in front of him, he appears to be leaning on this hand fairly heavily

4  T  appears to push the knee straight again and then release pressure and it bends again

5  (2)

6  T  (and) keep it ↑there

7  (2)

8

9  T  looks up to patient, continues pushing on and releasing his knee

10  T  ooaa (.) don’t know about you (patient name) but I’m gettin very hot here

11  P  continues to look ahead and down

12

13  P  uh

14

15  T  looking down at patient’s leg

16  T  straighten that ↑knee

17  (3)

18  P  (       ) quite cool on the floor actually

19

20  T  well yer ↑foot was wasn’t it

21  (2)

22  T  go on keep that ↑knee straight
OK now from (patient name) (. ) can you gently (. ) sit yerself down

sits down smoothly and slowly

glances at patient then at door of treatment room

good (. ) that was better

looks straight ahead

(2)

(2)

glances at patient

O\[K

O\[K

looks at patient and moves head so that her face is more aligned towards him

can you see the purpose of this (. ) doing this

yes

leans back slightly, wipes mouth with hand,
continues gazing ahead, rather than at therapist who remains on his left


drums fingers on bed behind patient for first few seconds, looks at patient through most of the silence

looks ahead

right
T turns and tilts head more to the patient and leans in towards him slightly

(0.5)

so going again

(1)

P no movement

T taps patient’s left hip, continues to look at him

(n) try and get it so you can do it (0.5) with minimal assistance (with) keeping this foot down

(2)

T OK (. ) that’s the aim of today

(2)

P starts to lean forwards at end of this pause

RIGHT

P ↓right

(1)

P during his ‘right’ and the pause that follows, he leans forward more and his bottom briefly leaves the treatment bed, he wobbles a little, then sits down again

so it = think about it first (. ) right (. ) you’re leaning forwards

P starts to stand again

…….this attempt results in him reaching standing position
Therapist and assistant stand on either side of the patient who also stands, therapist is to patient’s right, assistant to the left.

Assistant’s right arm is round patient’s waist, she reaches with her left hand out to the side, and looks at this hand

Therapist has one hand over patient’s sternum, and her right leg stabilises patient’s right (affected) leg, therapist is looking down at patient’s right leg/foot

and again reach {it} over

Therapist looking at assistant’s hand and reaching towards it

she leans to the left somewhat as she does so

(0.5)

Σuh

tapping assistant’s hand

↑go:od (.) and (release)

holding assistant’s hand and lowering arm slightly

long camera glance, then looks forwards

returns to more central body position, takes her arm off assistant’s hand, looks forward

reaches her left hand out to side again and looks to it

↑an ↓gain ↑reach

looks to a left arm

starts to reach to it, looking to it
19  (1)
20
21  T  looks down to patient's legs/hips
22  A  bring yer hips over to me
23
24  (1)
25  P  lowers hand, following assistant’s hand downwards towards end of pause
26  T  looking forwards
27  T  "OK I think we just lost the hips"
28  A  {yeah}
29
30  T  looking forwards
31  A  looking down
32  T  that time {(assistant name) so}
33  P  {I'm sorry}
34  P  turns face to therapist, raises eyebrows
      shaking head
35  A  starts to raise her arm with the patient's hand in hers
36  (.)
37  P  turns gaze to her left arm
38  T  take the hips across ↑first {if w}e ↑can
39  P  {oh}
40  P  hips appear to move across to left somewhat
42 A moves hand further to the left
43 T looks to assistant and patient's hands as they reach
44 T ((louder)) and now reach (.) for (assistant name)'s
45 P looks and reaches further over
46 T looks at back of patient's body/legs
47 T hand = be\text{autiful} that is \uparrow good
48 P {oh yes}
49 P appears to wobble slightly, right heel comes off ground
    lowers arms slightly as assistant does so
    opens mouth
50 P
51
52 A better
53 P opens mouth looks questioning, looks forwards
    furrows brow
54 P
55 T =well done (patient name)
56 P mouths 'well'
    glances to therapist (who is still turned and looking at back of patient's body),
    then looks to assistant whose head and gaze are turned towards patient
57 P
58 P I I (haven't go{t the})
59 A { so}
60 P shaking head and looking towards assistant
62  A  ^hips fir{st}
63  P  {I:}:
64  P  turns head to opposite side to look to therapist
65
66  T  is looking forwards looks to patient's face
67  P  haven't got the hang of this
68  P  looking at therapist's face
69
70  T  looking at patient's face
71  T  yeah I think you perhaps ^have
72  P  gazing at therapist
    turns head to look forwards (away from therapist)
73
74  (.)
75
76  A  both look at patient's face
  &T
77  A  reach over look over
78  P  looking forwards mouth open
79
80  A  taps patient's right hand which is stretched out to side, moves her arm further out to side
81  T  {now reach} for (assistant name)'s ↓hand up there
82  P  {°hh yeah}
83  P  looks at her hand and the assistant's
T {reach }
A {↑reach}
P tapping assistant’s hand

(3)

T {OK     }
A {(alright)}

and {relax}

T {and } just gently (.) back
P all 3 are returning to a more central position,
   patient opens her mouth (?as if to speak))
   lowers her hand along with assistant

(.)

T points to (?touches) patient’s right knee
T can you straighten this ↑knee for m{e    }
P {yes }

(.)

T puts hand back on patient’s sternum /chest
T ↑that’s it (.) ↑OK
P looking down and forwards
P opens mouth slightly

T looks to patient's face

T we'll do that once {↑more}

A {hips}

P opening mouth more

A over

P appears to be mouthing a word ((cannot discern what word))

T at patient's face rapid look forwards (following an audible bang elsewhere in gym) looks to patient's face

T {touch (assistant name)’s}

P {just a minute $al↑right heh$}

P closes eyes ((expressing concentration?))

nods, then looks forwards swings head round to look to therapist's face

T at patient's face

T ↑hey

A&T both look at patient's face

P jus a just a minute

P looks to assistant

A (O↑K)
does it what sorry

(just a) minute

looking forwards

nods

(.)

(yes)

OK

looking at assistant

taps front of patient's chest softly, twice

(.)

=alright

takes hand from patient's chest and onto own hip, body shifts away from patient somewhat

=>you tell us when you're ready

looking at therapist

( ) ready ↑now

looking at therapist

nods and moves left hand up and down slightly

O↑K
158  T  moves in towards patient again
159  A  =(k) yer hips {over to me}
160  P  { I'm tryin  }
161  P  hips move left slightly
      looking forward, eyelids down
162
163  A&T  looking at patient's face  assistant reaches her left hand out and looks to it
164  A  {that’s it}
165  T  {tryin to } th{ink it all } ↑through aren’t you
166  P  {((that’s it))}
167
168  T  head nods and looks (eye points) at assistant’s hand
169  P  ↑yes (yes) {$heh heh}$
170  T  {now     } {reach for  } (assistant name)'s hand then
171  A  {((my hand))}
172  P  nods       looks to therapist’s face
      looks forwards
173
174  P  Uuh
175  P  reaches and touches assistant’s forearm, is looking forwards
176
177  T  looking at patient’s face
178  T  (now) can you ↑see it
179  P  gazing forwards, reaching
180
181  (1)
182  P  turns head and gaze to assistant’s hand
183  P  yes
184  P  moves her hand up towards assistant's hand, reaching out towards it
185  P  
186  T  is still looking at patient
187  T  ↑that's it (.) tap the top of her fingers (patient name)
188  T  
189  (0.5)
190  T  tap those fingers (.) ↑like that (.) tap tap tap
191  T  (0.5)
192  T  ↑five taps for {me}
193  P  {oh} you want me to go{{t:}}
194  T  {I   } certainly do=
195  T  =five ta{ps (ic)}
196  T  {ooh l}
197  P  
198  T  go on = like that ↑one. two.
199  A  =yer hips over
200  (0.5)
201  T  and then come back (.) cross
202  (.)
203  P  but um hhhhhhhhh tch °hhhhhhhhh
204  (1)
205  P  (it is the bit (.) affect the that side) it didn't affect ↑that side at all
206  P  looking at therapist, ((face expression looks puzzled))
207  P  
208  T  the ↑stroke ↓hasn't
209  P  n.
is that what you mean the stroke hasn’t affected that side

↑no

(·)

um

do you want to sit down and tell me or

(·)

no I’ll be alright in a minute

points to patient’s left arm

are you thinking that we’re working that arm getting you to do things (·)

{and that isn’t} the weaker arm is that what you’re saying

{“h (          )}]

I’m trying to figure out hh what (the right) to do

yeah (·) OK

(I’m) alright

=is that what you mean {(·) th}at you think that the stroke hasn’t affected

{uh   }

that arm and we’re asking you to do things with that arm

↑no

=no OK

but um

{1)

aah (·) I’m getting so $bamboozled with which leg’s which$

↑O↓K°

tell me what you’re

{finding it difficult }

bamboozled {with}

{↑no}

looking towards assistant
238 P I'm (all) bamboozled ooh
239 P ↑with ↓what I'm supposed to ↑do
240 T OK (. ) well we're practising standing (. } OK
241 P }yes
242 T and we're just trying to practise getting you to take weight through both legs
243 T O{↑K y- (. )} uh ↑yeah and you can feel that I'm here
244 P }{(you p: )}

245 T moves her leg slightly, this leg supports patient's right leg, so patient's leg moves slightly too
246 T just making sure that (. ) >^this knee isn't^<
247 T >so as yer standing on this leg (. ) ooh yer getting some ↑nice weight >and I can feel the muscles working
248 T ↑there {(. ) a}nd at yer knee O{K}
249 P }yes }{so} you want the muscles at my ↑knee to work
250 P (. )
251 T they are w{orking } they are working
252 P }{working}
253 P ah yes {an the} muscles o(h ( ) at the (tomp tomp) ↑top of my leg
254 T }{OK  } {yep ↑they're^< working as well
255
256 T face to face gaze
257 T but what we're trying to do by getting you to
258
259 T points towards the left
260 T reach over and move yer weight onto ↑that: ↓leg o K
261 P yes
the swaying side to side movement of all 3 restarts – therapist and assistant guiding it

T = is trying to retrain some balance so that you can move yer weight from one leg to the other

......... ((explanation continues))
wheels wheelchair away from treatment area, turns and walks back

sits still on the treatment bed, then wipes eye with right hand, then hitches skirt

as she re-enters treatment cubicle area
starts to move to sit down
is sitting down

oh right, <so then just thinkin about um
gaze to middle distance
gazes down to her hand
takes hold of patient's left hand stretches it out, both patient and therapist now looking down at hand
(t.0)

things that we need to work on you've got your transfers now do{ne with} yer family

{yeah }
gaze to therapist's face

so that's good but ultimately I'm sure you'd like to be able to transfer on yer own wouldn't you

yeah

nods, gaze down
T glances to patient and gestures with right hand
so: °huh we could still do I’d (. ) st- >you’re very near to standing independently {↑aren’t ↓you}
{yeah mmhm}
nods

T gaze down patient’s hand
gaze to patient’s face
=but probably you wouldn’t trust yourself to do it quite {on yer own }
{not just just } yet >no
shakes head

face-to-face gaze
>so maybe we could have that as a ↓go{al }
{mm}

P = ↑mm

P nod

P = t do it (. ) ↑say in a ↑week

P ↑yes

P lots of nods

T gesture - pointing down gesture ((indicating ‘here’))
flat hand (‘dismissing’) gesture

to be able to stand in physio without me doing a ↓thing

P nods throughout
that'll be good

nodding

looks forward away ((expression of ‘thinking hard’))
yeah in fact I think you could almost do it now >>that’s the thing maybe you ought to not do it in physio maybe you

gaze to patient
points in other direction (towards the ward)
ought to be able to do it on the ward as well
looks down

{oh}
{mmhm}
nods

face to face gazing
so from yer wheelchair to be able to stand on yer own
{yeah}
{yeah}

repeated nods

thumbs up sign
touches patient’s left hand again glances to patient
>brilliant OK well we’ll have that ongoing oh well this is feeling quite O.K.
71  T  gesture- stretching out hand
      reaches her right hand to patient's left elbow
72  P  ↑ye{ah}
73  T  {↑y}eah
having walked with patient into the treatment area and answered a question the patient asks about the location of another member of staff, sits on a wheeled stool which she has positioned so she is directly facing the patient.

`O↑K: = well whad I want to do today is just have a: good look at (.) (h) how

sitting on treatment bed
looking at therapist
big in-breathe visible

points to his left arm with her right hand
points towards end of treatment bed with left hand
glances to end of bed

yer trunk is and how yer arm is really and how yer able

opens mouth slightly
raises right arm and reaches it over to left, lowers gaze to his left arm

hands are back on her lap
to ge(t) up n off the bed n things like that really

head and gaze lowering
by now, his pointing right index finger is touching the back of his left arm, just above the elbow
his head is turned well towards his left arm
now points more distally to forearm and begins to softly pick and scratch at it

looks up towards patient’s face, then down and up

just to get a good ↑picture of what you’re able to do so that we can work out whe:re there’s problems
and what we can do about them is that OK continues scratching raises right hand off left forearm still looking down and to left at left forearm/arm raises chin slightly to patient (1.5) gestures - moves hands to an open position (‘I don’t know’ or ‘up to you’ gesture),
turns to therapist face, eyebrow raise, gazes over spectacles to therapist gazing at patient, sitting still what would you say your biggest problems are zenith of open hand gesture hands start lowering raises chin so looking at therapist through spectacles left hand now back on lap, right hand is down but not on lap sitting still and looking at patient (2) moves hands to edges of bed at sides of him and starts lean forwards, and looks down and slightly to the right slight nod whilst you’re here in hospital still leaning forwards
wheels back on her stool, face to face gaze

my ↑left and ↑right arm

still going forwards slightly

now sitting still

eyebrows raised

=your left ↑and right ↓arm

sitting still, leant well forwards

(2)

nods, pushes self on bed slightly, sits upright, raises two forearms, elbows flexed

(they’re) (very) painful

slight finger tap on left elbow with right fingers

small nod, small hand movements

so the ↑pain in your left and right arm >is your biggest <problem

starts to bring right hand to front of left forearm

looks down at his left arm
60  P  starts to scratch or pick at some part of left forearm, looking down at arm
61  P  yeah
64  T  OK: "hh do you =is there anything
66  T  looking to patient’s face
67  T  that you can’t do at the moment (.)
68  P  raises eyebrows, turns head towards therapist, opens mouth
71  T  um that you’d like to be able to do by the time that you go out of hospital
72  P  looking at therapist, right hand is still picking/touching left forearm
74  T  nod, and a gesture in which her right fingers tap on left index finger ((as if counting))
75  P  put me socks on
76  P  furrows brow slightly
78  T  put yer socks on OK so what limits you puttin yer socks on
80  T  smiles
81  P  me arms >are (not) long enough and me legs are too <long
82  T  gaze at therapist, lowering hands to lap smiles
84  T  nod and glance to patient’s legs
85  T  $uh heh OK so unless we $aw a bit off yer legs n add a bit to
86  P  gazing at therapist
       returns right hand to back of left forearm
87
88  T  raises hands together slightly, then lowers them towards the floor
       body leaning forwards and to the right, head turned left slightly
89  T  yer arms$  ohh is it that you can’t
90  P  looking at therapist
       big nod, with a slight glance to left (?at camera) as he raises gaze back to therapist
91
92  T  coming up again
       is upright
93  T  ↑reach far enough forwards
94  P  two small nods
95
96  T  raises two hands, and ‘waggles’ fingers
97  P  (‘that’s’) r{ight}
98  T  {ye }p. o’h and whad about yer
99  P  glance to patient’s gesturing hands
100
101  T  slight up down hand gesture
       drops hands at wrists
102  T  >hands can you <↑use yer hands all↑right with yer
103  P  takes right hand off left
       open hand gesture - hands held in front of therapist
       looks down to fingers and waggles them, similar to therapist’s movements
lowers hands down between knees again

socks once you ↑ get there

fingers still, brings hands together more

sitting still and looking at patient

(3)

looking down (?to right palm), then fairly slowly raises head and gaze to therapist

nods

I’ve been ↑ using me hands

(3)

gaze at therapist’s face

hands are still held together, and above his knees

noding

=yeah {so it’s actually a ↑ reaching} down

{(but)(

.

gazing at therapist

puts two hands down on the treatment bed at either side of him

raises 2 hands briefly, points forwards with both index fingers, then palms flat to touch sides of own knees

pushes backwards on her stool

looks down to her own legs

just ↑ show me now if you wouldn’t mi:nd

starts bend forwards
128 T moves her hands down to sides of shins, gaze downwards

starts to bend forwards and down to floor, hands down, gaze down

129 T oh (.) >puttin yer ↑hands by the ↑sides of yer legs and let's

130 P takes hands off bed and to sides of his legs, and slowly bends forwards, looking down

131 T comes up rapidly and opens knees apart and looks at patient, hands held open and slightly off knees

looking at patient as he bends

opens hands even wider

133 T <↑see how far you can ↑reach comfortably

134

135

136 P continues descending for about one second

pauses slightly whilst down

then reaches towards his left arm with his right one and turns head round to look at left arm

137

138 T follows patient's head as it rises and looks towards patient's face

139 P (I've 'urt) ↑me arm up there you see ( { } )

{O;↓K}

140 T

141 P touches left upper arm and strokes up it with right fingers, looking at it

142

143 T reaches forwards and down and sideways to patient's right foot

144 (0.5)

145 P lowers his right hand, still looking at left arm
T now has hold of patient’s right foot
   moves patient’s foot to the side and forwards
T d’you want to just ↑put that foot a liddle bit ↑wider then you’ll feel
P moves right hand down to ‘rub’ posterior forearm slightly, still looking at arm
T hand off and starts to come up, looking down at patient’s leg
   now sitting upright
T a bit more stable ◆hh
P still picking/scratching, and looking at left arm
T demonstrates moving own hands down sides of legs, dipping them down then up
   hands back loosely held and resting between knees
T ‘K just ↑see how far you can ↑reach ↓down
T sits still and looks down at patient’s legs,
   at about 1.5 seconds, starts to raise her gaze up to patient’s face
(4)
P as therapist’s gaze reaches him, he meets it, stops scratching and moves hands to sides of legs,
   then bends down
   right leg moves backwards as he bends, does not get as far as floor, slight pause in bent position
(4)
T looking down
T ↑O↓K
(·)
166  T  watches patient as he comes up
gazing to patient's face

167  T  >and back up again  
> hh so. (.)

168  P  starts to come up
    gaze to therapist's face,  
    hands now on lap

169

170  T  straightens back, wheels closer to patient on her stool
    slight head shake
    starts a gesture - left little finger held by right fingers ((reckoning or counting))

171  T  we could probably: (e) set a goal then

172  P  sitting still, looking at therapist

173

174  T  looking at patient, continues the gesture
    push on finger
    push on finger

175  T  for you like a - like a joint goal that

176

177  T  we'll- I'll (. ) look at at achieving with the occu↓pational therapists

178

179  T  raises her right hand in a brief pointing gesture at patient then holds her hand flexed

180  T  hh that you can reach and put yer socks on hh maybe we should say

181  P  head and gaze go down lowers hands towards bed at his sides and opens mouth slightly
    appears to look at therapist's face over his spectacles

182
slight nod

within (.) two weeks that you can do that d’you think that’s fair enough

head and gaze up to therapist face

slight straightening of trunk, leans back

=! (.) I put them on now by >laying on the bed

gaze at therapist

holding edge of bed with each hand

chin raise then nods once

quick gesture, pointing with right hand towards the left then down again

right so you’ve found one method of doing it

rapidly raises left hand pointing to left then forwards and down at patient

hand movement - bending at wrist

but would you normally

bends at wrist

another wrist bend

hand open and held up

when you’re at home do it in sitting

starts to lean forwards to therapist

holds left hand out

(0.5)
still holds left hand up with thumb touching tip of ring finger

normally

slight nod, is leant forwards and looking at therapist

lowers left hand to lap

raise left hand again and does a small up and down movement of hand

points to patient with left hand

(right) so we'll try an look at ways of doing it in sitting within a

left hand points downwards

lowers left hand to lap

a fortnight yeah so you can do

drops chin down once

continues to gaze toward patient

it completely on yer own hh

raises both hands up and inwards and flexes trunk slightly

{(so) it} might be that you can

(right)

looking at therapist over his spectacles
adjusts feet to demonstrate a movement of bending down, hands either sides of her legs and looking downwards

starts to come up

is back up and looking at patient

we can either increase the amount you can reach or that we can

raises right hand up slowly, looks down

touches face and scratches it

right hand gesture

looks down, wheels backward slightly and raises right leg to cross over her left knee

returns gaze to patient’s face, keeps legs crossed

gaze to patient

two-handed gesture over towards her left

uncrosses legs

returns gaze to patient

or using a stool or somethink or other

stopping down to the bed at his sides again

starts a movement of his left hand backwards and slight trunk rotation

sitting still

=(l) usually lie down

leans back and right, looking left and down as if he is going to lie back onto treatment bed
237 T opens mouth slightly wider
238 P n m: (                )
239 P leaning back still, but looking at therapist, his raised left arm gesturing
240

241 T nods slightly
242 T >n do it ↑ at the ↑ mo{↓ment }
243 P ( )
244

245 T quick downward shift of head and gaze
246 T ‘counting’ gesture again, tapping on her left little finger with two of the fingers of her right hand
gaze at patient
247 T <↑O↓K. so ↑ h we’ll look at ↑ one then for putting yer socks on
248 P left hand on lap,
continues gaze to therapist’s face
looks down, hands down on bed
249

250 T now starts to tap left ring finger
251 T is there anything with yer ↑ arms that you’ve got problems with
252 P raises head and looks up to therapist’s face
253

254 T rapidly raises both hands and holds up and moves fingers
lowers hands to lap
255 T you know ↑ actually using yer arms is there ↑ any ↑ activity that you’ve found you ↑ can’t ↑ do
256 P sits back and upright slightly more
leans forwards, closer to therapist
257
258  T  straightens up trunk and wheels slightly forwards on stool
259  P  =↑writing
260  P  continues lean forwards
261
262  T  gaze at patient
stool going forwards
big nod  raises right hand, pointing
points right
then left, keeps pointing to the left
263  T  ound writing (.) alright ↑now (are) you ↑right or ↑left handed
264
265  P  ↑right.
266
267  T  pointing hand moves to point centrally, at patient
268  (.)
269
270  T  points forwards to patient’s trunk
points to left again
271  T  ound now it’s your ↑left side that’s affected by the ↓stroke is{nerg}
272  P  {no }
273  P  slight head shake
274
275  T  looks to patient, moves pointing towards right
276  (.)
277
278 T points right
279 T your right side (.)
280 P slight nod
281 T reaches and quickly pats patient’s right knee
touches own chest
flexes trunk slightly,
clasps hands together and squeezes them between her knees
282 T >am I with you ooh yer right yes it’s my fault (.) sorry ‘cause you’re using
283 T starts several small nods
284 T your stick in yer left hand aren’t you
285 T (.)
286 T slow nod once
287 T keeps nodding
288 T oh right so you can’t write so we could look at how you ma- (how you’re)
289 T moves right hand back very slightly
290 T stops nodding
291 T able to write as well
292 T slowly starts to lean forwards
293 P continues forwards leaning movement
294 P stops, remaining forwards
295 P >I used to be able to write nicely
↑OK: can ↑you: at the ↑moment write yer signature or ↓not

starts to go back slightly

↑just.

continues slowly back
	small nods and head side to side movements, rest of body is held still

right so we could im↑prove >maybe on yer ↑signature

leaning slightly further back, and also straightening

(1.5)

sitting still

gaze at patient, she is sitting still, mouth slightly open

>I have to se- <sign me (. ) h me: (. ) ↑pension ↑book

small rapid lean back/straighten

is now upright small lift of right hand

nadir

yep

(0.5)

n me cheques

quick raise of right hand up and gestures holding a pen

adjusts own spectacles

↑O↓K >well <shall we try an ach↑ieve that in a ↑week to have a more (. ) legible: signature

sitting still and looking to therapist's face, face to face gaze
T lowers her hand to her lap
d’{you think} {oh it’s } legible
T looking at patient’s face sideways movement of head
T ↑right but you you would prefer it to be better than it is
P yes
T looking at patient, nodding
O↓K so (.) ohhh so for you to be happy with yer signature maybe in a week ↑yeah
P reaches his right hand to his left forearm, looks down at it, and scratches again
T rapid movement of hands from resting together between her knees to tap on her own knees (audible)
T ↑O↓K right then would you ↑mind (.)
T drops hands between knees again, then leans slightly further towards patient
T (patient name) >is it alright if I call you (patient name) not <(more formal patient name)
P continues to scratch / pick at and look at arm looks up to therapist
P I should ↑like you ↓to
P looks up to therapist’s face, right hand is still on his forearm

*** End of transcripts ***