Patient Sticker	

Microfracture technique – Patient Assessment and Progress Sheet

Thank you for taking the time to answer these questions which should only take a few minutes. The answers you give are very useful as they will help us assess your progress following your surgery. If you have any difficulties with the questions please feel free to ask a member of staff for help.

Once you have filled in the form please hand it to the nurse or doctor in clinic and they will file it in your notes

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NHS secretary 01205 446415 Private secretary 0845 6439597 (local call rate)

E mail: contact@medskills.co.uk

E mail: contact@medskills.co.uk		
Date Today		
Your Age		
Your Occupation		
Date of Injury		
Side of injury (left or right)		
If you smoke, how many a day?		
Your Weight	ВМІ	
Your Height	ASA	

Microfracture technique – Patient Assessment and Progress Sheet The Tegner Activity Score

Please Tick the maximum activity level which best describes you...

	Pre	Pre	Post	
	Injury	Surgery	Surgery	
10				Competitive sports - soccer, football, rugby (national elite)
9				<u>Competitive sports</u> - soccer, football, rugby (lower divisions), ice hockey, wrestling, gymnastics, basketball
8				<u>Competitive sports</u> - racquetball or bandy, squash or badminton, track and field athletics (jumping, etc.), down-hill skiing
7				<u>Competitive sports</u> - tennis, running, motorcars speedway, handball <u>Recreational sports</u> - soccer, football, rugby, bandy, ice hockey, basketball, squash, racquetball, running
6				Recreational sports- tennis and badminton, handball, racquetball, down-hill skiing, jogging at least 5 times per week
5				Work- heavy labour (construction, etc.) Competitive sports- cycling, cross-country skiing, Recreational sports- jogging on uneven ground at least twice weekly
4				Work - moderately heavy labour (e.g. truck driving, etc.)
3				Work - light labour (nursing, etc.)
2				Work - light labour Walking on uneven ground possible, but impossible to back pack or hike
1				<u>Work</u> - sedentary (secretarial, etc.)
0				Sick leave or disability pension because of knee problems

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The Lysholm Knee Scoring Scale

During the past 4 weeks.....

Sec	tion 1 –Limp	Sec	tion 2 -Support
0	None	0	None
0	Slight or periodical	O	Stick or crutch
0	Severe and constant	0	Weight-bearing impossible
Sec	tion 3 – Pain	Sec	tion 4 - Instability
0	None	O	Never giving way
0	Inconstant and slight during severe exertion	C	Rarely during athletics or other severe exertion
0	Marked during severe exertion	C	Frequently during athletics or other severe exertion (or incapable of participation)
0	Marked on or after walking more than 2 km	0	Occasionally in daily activities
0	Marked on or after walking less than 2 km	0	Often in daily activities
0	Constant	0	Every step
Sec	tion 5 –Locking	Sec	tion 6 - Swelling
0	No locking and no catching sensations	C	None
O	Catching sensation but no locking	О	On severe exertion
C	Locking Occasionally	C	On ordinary exertion
	Frequently	O	Constant
\circ	Locked joint on examination		
Sec	tion 7 - Stair-climbing	Sac	tion 8 - Squatting
C		C	No problems
	No problems		•
0	Slightly impaired	0	Slightly impaired
0	One step at a time	0	Not beyond 90°
0	Impossible	0	Impossible

$\label{lem:microfracture} \mbox{Microfracture technique} - \mbox{Patient Assessment and Progress Sheet} \\ \mbox{The IKDC Evaluation Form}$

SYMPTOMS*:

*Grade symptoms at the highest activity level at which you think you could function without significant symptoms, even if you are not actually performing activities at this level...

1.	What is	the hiç	ghest le	evel of	activity	that yo	ou can	perforn	n witho	ut signi	ficant l	knee pain?
		3□S 2□M 1□Li	ery stre trenuou loderat ight act nable t	us activ e activi ivities l	/ities lik ities lik like wa	ke heav e mode Iking, h	y physerate phosew	ical wo nysical ork or y	ork, skii work, r yard wo	ng or te running ork	ennis or jogg	all or soccer ging
2.	During t	he <u>pas</u>	st 4 wee	eks, or	since y	our inj	ury, ho	w ofter	have :	you ha	d pain?)
Ne	10 ver 🗖	9	8	7	6 □	5 □	4	3	2	1	0	Constant
3.	If you ha	ave pa	in, how	sever	e is it?							
No	10 pain 🗖	9	8	7	6 □	5 □	4	3	2	1	0	Worst pain imaginable
4.	During t	- 4□N 3□N 2□N	ot at al lildly loderat	l ely	since y	∕our inj	ury, ho	w stiff (or swol	len wa:	s your l	knee?
5.	What is knee?	the hiç	ghest le	evel of	activity	you ca	ın perfo	orm wit	hout si	gnificar	nt swell	ing in your
		3□S 2□N 1□Li	ery stre trenuou loderat ight act nable t	us activ e activi ivities l	/ities lik ities like like wa	ke heav e mode Iking, h	y physerate phousew	ical wo nysical ork, or	ork, skii work, r yard w	ng or te running rork	ennis or jogg	

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6. During the past 4 weeks, or since your injury, did your knee lock or catch?
₀□Yes ₁□No
7. What is the highest level of activity you can perform without significant giving way in your knee? 4□Very strenuous activities like jumping or pivoting as in basketball or soccer 3□Strenuous activities like heavy physical work, skiing or tennis 2□Moderate activities like moderate physical work, running or jogging 1□Light activities like walking, housework or yard work 0□Unable to perform any of the above activities due to giving way of the knee
SPORTS ACTIVITIES:
8. What is the highest level of activity you can participate in on a regular basis?
⁴ □Very strenuous activities like jumping or pivoting as in basketball or soccer ³ □Strenuous activities like heavy physical work, skiing or tennis ² □Moderate activities like moderate physical work, running or jogging ¹ □Light activities like walking, housework or yard work ⁰ □Unable to perform any of the above activities due to knee
9. How does your knee affect your ability to:

		Not difficult at all	Minimally difficult	Moderately Difficult	Extremely difficult	Unable to do
a.	Go up stairs	4	з□	2	1	٥
b.	Go down stairs	4	₃□	2	1	0
C.	Kneel on the front of your knee	4	3□	2	1	٥
d.	Squat	4	3□	2	1	٥
e.	Sit with your knee bent	4	3□	2	1	٥
f.	Rise from a chair	4	3□	2	1	0
g.	Run straight ahead	4	3□	2	1	٥
h.	Jump and land on your involved leg	4	з 	2	1	۰۰
i.	Stop and start quickly	4	₃□	2	1	0

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10. How would you rate the function of your knee on a scale of 0 to 10 with 10 being normal,

FUNCTION:

excellent may inclu			d 0 beir	ng the	inability	/ to pei	form a	ny of y	our us	ual dail	y acti	ivities which
FUNCTIO	N PR	NOR T	O YOL	JR KNE	EE INJI	JRY:						
Couldn't perfo daily activities		1	2	3	4	5	6	7	8	9	10	No limit in daily activities
CURREN	T FUN	CTION	OF YO	UR KN	EE:							
Can't perform daily activities	0	1	2	3	4	5	6	7	8	9	10	No limit in daily activities
Thank you for helping us to we should know the clinic	asse	ss you	ır progr	ess fol	lowing	surger	y. If yo	u have	any co	ommen	its wh	ich you feel
Comments												

The following pages will be filled in by your surgeon, you do **not** need to answer these questions...

			IKDC KNEE	2000 EXAMINATION I	FORM					
					· · · · · ·					
Genei	ralized Laxity:	q tight	q normal	q lax						
Aligni	ment:	q obvious varus	s q normal	q obvid	ous valgus					
Patell	a Position:	q obvious baja	q normal	q obvid	ous alta					
Patell	a Subluxation/Dislocation:	q centered	q subluxab	ole q sublu	uxed q dislo	cated				
Range	e of Motion (Ext/Flex):	Index Side: Opposite Side:	passive passive	<u> </u>	active_					
SEVE	EN GROUPS FOUR GR	ADES *Group	<u></u>							
		·	Α	В	С	D		Grad	de	
	Normal		-	Abnormal	Severely		_			
		No	ormal	Abno	rmal	A	В	-C	-D	
1.	Effusion	q	None	q Mild	q Moderate	q Severe	q	q	q	q
2.	Passive Motion Deficit									
	Δ Lack of extension	q	<3°	q 3 to 5°	q 6 to 10°	q >10°				
	∆Lack of flexion	q	0 to 5°	q 6 to 15°	q 16 to 25°	q >25°	q	q	q	q
3.	Ligament Examination									
	(manual, instrumented, x-ray)			(1±)	2	(2)				
	ΔLachman (25° flex) (134N)	q		q 3 to 5mm(1 ⁺) q <-1 to -3	q 6 to 10mm(2 ⁺) q <-3 stiff	q >10mm(3 ⁺)				
	ΔLachman (25° flex) manual max	a		q 3 to 5mm	q 6 to 10mm	q >10mm				
	Anterior endpoint:		firm	9 0 10 0111111	q soft	9 210111111				
	∆Total AP Translation (25° flex)	а	0 to 2mm	q 3 to 5mm	q 6 to 10mm	q >10mm				
	∆Total AP Translation (70° flex)	·	0 to 2mm	q 3 to 5mm	q 6 to 10mm	q >10mm				
	ΔPosterior Drawer Test (70° flex)	q	0 to 2mm	q 3 to 5mm	q 6 to 10mm	q >10mm				
	Δ Med Joint Opening (20° flex/valg	us rot) q	0 to 2mm	q 3 to 5mm	q 6 to 10mm	q >10mm				
	ΔLat Joint Opening (20° flex/varus	'	0 to 2mm	q 3 to 5mm	q 6 to 10mm	q >10mm				
	ΔExternal Rotation Test (30° flex p		<5°	q 6 to 10°	q 11 to 19°	q >20°				
	ΔExternal Rotation Test (90° flex p			q 6 to 10°	q 11 to 19°	q >20°				
	Δ Pivot Shift Δ Reverse Pivot Shift		•	q +glide q glide	q ++(clunk) q gross	q +++(gross) q marked				
							q	q	q	q
4.	Compartment Findings				crepitation	with	ч	٦	٦	٦
	△Crepitus Ant. Compartment	q	none	q moderate	q mild pain	q >mild pain				

4.	Compartment Findings			crepitation with	
	Δ Crepitus Ant. Compartment	q none	q moderate	q mild pain q >mild	l pain
	Δ Crepitus Med. Compartment	q none	q moderate	q mild pain q >mild	l pain
	∆Crepitus Lat. Compartment	q none	q moderate	q mild pain q >mild	l pain
5.	Harvest Site Pathology	q none	q mild	q moderate q sever	'e
6.	X-ray Findings				
	Med. Joint Space	q none	q mild	q moderate q sever	re
	Lat. Joint Space	q none	q mild	q moderate q sever	re
	Patellofemoral	q none	q mild	q moderate q severe	е
	Ant. Joint Space (sagittal)	q none	q mild	q moderate q sever	re .
	Post. Joint Space (sagittal)	q none	q mild	q moderate q sever	re

7. Functional Test

One Leg Hop (% of opposite side) $q \ge 90\%$ q 89 to 76% q 75 to 50% q < 50%

**Final Evaluation qqqq

- * Group grade: The lowest grade within a group determines the group grade
- ** Final evaluation: the worst group grade determines the final evaluation for acute and subacute patients. For chronic patients compare preoperative and postoperative evaluations. In a final evaluation only the first 3 groups are evaluated but all groups must be documented. Δ Difference in involved knee compared to normal or what is assumed to be normal.

Meniscal repair – Patient Assessment and Progress Sheet

INSTRUCTIONS FOR THE 2000 IKDC KNEE EXAMINATION FORM

The Knee Examination Form contains items that fall into one of seven measurement domains. However, only the first three of these domains are graded. The seven domains assessed by the Knee Examination Form are:

1. Effusion

An effusion is assessed by ballotting the knee. A fluid wave (less than 25 cc) is graded mild, easily ballotteable fluid – moderate (25-60 cc), and a tense knee secondary to effusion (greater than 60 cc) is rated severe.

2. Passive Motion Deficit

Passive range of motion is measured with a gonimeter and recorded on the form for the index side and opposite or normal side. Record values for zero point/hyperextension/flexion (e.g. 10 degrees of hyperextension, 150 degrees of flexion = 10/0/150; 10 degrees of flexion to 150 degrees of flexion = 0/10/150). Extension is compared to that of the normal knee.

3. Ligament Examination

The Lachman test, total AP translation at 70 degrees, and medial and lateral joint opening may be assessed with manual, instrumented or stress x-ray examination. Only one should be graded, preferably a "measured displacement". A force of 134 N (30 lbs) and the maximum manual are recorded in instrumented examination of both knees. Only the measured displacement at the standard force of 134 N is used for grading. The numerical values for the side to side difference are rounded off, and the appropriate box is marked.

The end point is assessed in the Lachman test. The end point affects the grading when the index knee has 3-5 mm more anterior laxity than the normal knee. In this case, a soft end point results in an abnormal grade rather than a nearly normal grade.

The 70-degree posterior sag is estimated by comparing the profile of the injured knee to the normal knee and palpating the medial femoral tibial stepoff. It may be confirmed by noting that contraction of the quadriceps pulls the tibia anteriorly.

The external rotation tests are performed with the patient prone and the knee flexed 30° and 70°. Equal external rotational torque is applied to both feet and the degree of external rotation is recorded.

The pivot shift and reverse pivot shift are performed with the patient supine, with the hip in 10-20 degrees of abduction and the tibia in neutral rotation using either the Losee, Noyes, or Jakob techniques. The greatest subluxation, compared to the normal knee, should be recorded.

4. Compartment Findings

Patellofemoral crepitation is elicited by extension against slight resistance. Medial and lateral compartment crepitation is elicited by extending the knee from a flexed position with a varus stress and then a valgus stress (i.e., McMurray test). Grading is based on intensity and pain.

5. Harvest Site Pathology

Note tenderness, irritation or numbness at the autograft harvest site.

6. X-ray Findings

A bilateral, double leg PA weight bearing roentgenogram at 35-45 degrees of flexion (tunnel view) is used to evaluate narrowing of the medial and lateral joint spaces. The Merchant view at 45 degrees is used to document patellofemoral narrowing. A mild grade indicates minimal changes (i.e., small osteophytes, slight sclerosis or flattening of the femoral condyle) and narrowing of the joint space which is just detectable. A moderate grade may have those changes and joint space narrowing (e.g., a joint space of 2-4 mm side or up to 50% joint space narrowing). Severe changes include a joint space of less than 2 mm or greater than 50% joint space narrowing.

7. Functional Test

The patient is asked to perform a one leg hop for distance on the index and normal side. Three trials for each leg are recorded and averaged. A ratio of the index to normal knee is calculated.