FIFA Medical Centers of Excellence Cafiilage Questionnaire

This questionnaire is part of a FIFA approved and supported study aimed to report on the demographics and epidemiology of knee cartilage injuries and the management of knee cartilage injuries across FIFA centers of excellence. Success of this study depends on your center's co-operation. We ask you to base your answers on genuine data collected by your center and provide your best estimation wherever formal data is absent. We appreciate your co- operation and look forward to your responses.

* Required

1. Email address *

2. Which country is your center located in ?

3. Which city is your center located in ?

Over the past 10 years, how many soccer players were treated for a diagnosis of knee cartilage injury at your center ? please specify the number, mean patient age, age range, gender distribution and level of participation.

4. Number of patients:

5. Mean patients age:

6. Minimum age:

7. Maximum age:

8. Rate of male patients (%):

9. Rate of professional players (%):

Over the past three years, what was the annual average number of soccer related cartilage injuries treated at your center?

10. Average number per year

Based on your 10 year experience, please specify the etiology of soccer related cartilage injuries treated at your center. (Rate for each etiology).

11. Traumatic (%)

12. Congenital (OCD) (%)

13.   Combined Traumatic/Congenital (%)

_____

14.   Overload (%)

_____

15.   Osteoarthritis (%)

_____

16.   Other (please specify)

_____

Based on your 10 year experience, please state the rate of soccer players presented with cartilage injury/defect in each knee location. For each location also state the mean area of defect (square cm).

17.   Lateral Femoral Condyle (%)

_____

18.   Lateral Femoral Condyle - mean area (square cm)

_____

19.   Medial Femoral Condyle (%)

_____

20.   Medial Femoral Condyle - mean area (square

_____

21.   Lateral Tibial Plateau

_____

22.   Lateral Tibial Plateau - mean area (square cm)

_____

23.   Medial Tibial Plateau (%)

_____

24.   Medial Tibial Plateau - mean area (square cm)

_____

25.   Patella (%)

_____

26.   Patella - mean area (square cm)

_____

27.   Trochlea (%)

_____

28. Trochlea - mean area (square

What was the rate of bi-polar lesions noted in this group of patients?

> Please write "0" if none of the patients had bipolar lesions in the relevant compartment

29. Medial Compartment (%)

30. Lateral Compartment (%)

31. Patellofemoral Compartment (%)

Based on your 10 year experience, what was the distribution between treatment strategies for cartilage injuries: Non-operative vs. operative (%)

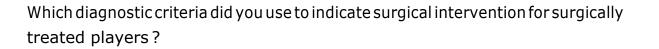32. Non-operative (%)

33. Opertaive (%)

For non-operative treatments over the past 10 years, what was the distribution between treatment options (% of patients who were treated with the specific treatment) ?

34. Physical Therapy

_____

35. Intra-articular Steroids

_____

36. Intra-articular Hyaluronic Acid (%)

_____

37. Intra-articular Platelet Rich Plasma (%)

_____

38. Intra-articular Fat Based Stem Cells (%)

_____

39. Intra-articular Bone Marrow Aspirate (%)

_____

40. Other (Please Specify)

_____

_____

_____

_____

_____

For surgical treatments over the past 10 years, what was the distribution between treatment options (% of patients who were treated with the specific treatment) ?

41. Debridement

_____

42. Open reduction internal fixation

_____

43. Bone Marrow Stimulation, Micro Fracture (%)

_____

44. Osteochondral Allograft Transplantation (%)

_____

45. Osteochondral Autograft Transplantation (%)

_____

46. Autologous Chondrocytes Implantation (%)

_____

47. Osteotomy for Coronal Malalignment (%)

_____

48. Osteotomy for Patella Malalignment or Unloading (%)

_____

49. Other (Please specify)

_____

_____

_____

_____

_____

Which diagnostic criteria did you use to indicate surgical intervention for surgically treated players ?

50. For each criteria please choose its importance in the decision making process

Mark only one oval per row.

	The most important	Very important	Moderately important	Mildly important	Not important, was not used
Failure of conservative treatment	◯	◯	◯	◯	◯
Knee symptoms	◯	◯	◯	◯	◯
Lesion characteristics	◯	◯	◯	◯	◯
Lesion location	◯	◯	◯	◯	◯
Player age	◯	◯	◯	◯	◯
Player level of activity	◯	◯	◯	◯	◯
Player preference	◯	◯	◯	◯	◯
Failure of prior surgery	◯	◯	◯	◯	◯

51. Other criteria (please specify)

_____

_____

_____

_____

_____

In the specific group of high level soccer players (professional, collegiate), please note the number of knee osteotomies performed over the past 10 years.

52. Patellofemoral (number)

_____

53. Varus producing, symptomatic lateral compartment (number)

_____

54. Valgus producing, symptomatic medial compartment (number)

_____

Base on your center's experience, what was the rate of return to play for :

55. Players treated non-operatively (%)

_____

56. Players treated operatively (%)

_____

What was the average time (weeks) lost to injury (complete absence from training/games) for:

57.   Players treated non-operatively (weeks)

_____

58.   Players treated operatively (weeks)

_____

What was the average time (weeks) to return to play (participation in games) for:

59.   Players treated non-operatively (weeks)

_____

60.   Players treated operatively (weeks)

_____

In you experience, what were the reasons for not returning to play after surgery?

61. Please rate each reason based on its prevalence among patients who didn't return to play

Mark only one oval per row.

	0%	<10% of players	10-25% of players	25-50% of players	50-75% of players	75-100% of players
Not reaching the same level play	◯	◯	◯	◯	◯	◯
Recurrent knee symptoms	◯	◯	◯	◯	◯	◯
Player fear from returning to play	◯	◯	◯	◯	◯	◯
Additional unrelated injury	◯	◯	◯	◯	◯	◯
Failure of surgery	◯	◯	◯	◯	◯	◯
Contract issues	◯	◯	◯	◯	◯	◯

62. Other reasons (please specify)

_____

_____

_____

_____

_____

Does your center follow a treatment algorithm for the management of cartilage injuries? If yes – please specify

63. Algorithm specifications