

DANCE FUNCTIONAL OUTCOME SYSTEM

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The Dance Functional Outcome System (DFOS) has been undergoing study for the past five years. To date, this instrument has demonstrated excellent test-retest reliability ($r = 0.91$) on healthy adult dancers of intermediate to professional levels of training. Study of the instrument across time on dancers following musculoskeletal injury (healthy baseline, at physical therapy intake, at physical therapy discharge, and 3 month post discharge) demonstrates sensitivity to functional change ($P < 0.01$). In conjunction with use of the SF-36, the DFOS has demonstrated responsiveness to musculoskeletal injury and recovery in the adult dance population.

References

Bronner S, Spriggs J, Ojofeitimi S. Outcomes measures in healthy and injured elite dancers: DFOS and SF-36. *J Orthop Sports Phys Ther* 33(2):A-24-5 (Abstract), 2003.

Bronner S, Turner R. The Dance Functional Outcome System: A new measurement tool. *J Orthop Sports Phys Ther* 29(1):A-20 (Abstract), 1999.

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DFOS: I. Patient Dance Questionnaire

Name: _____ Today's Date _____

Please answer every section, and mark in each section the one statement which most applies to you. We realize that two statements in any one section may relate to you, but just mark the one, which most closely describes your level now. These questions are based only on what **you** can do at this time. Do not compare yourself to other dancers. If a section is not applicable, please skip it.

A. GENERAL PERFORMANCE

1. Overall Activity Level

- I have no limitations. I am able to do everything, including strenuous dancing and exercise.
- I can dance, but at a lower level. I must guard myself and limit the amount of heavy dancing.
- Light dancing is possible with occasional problems. I must avoid certain movements.
- No dancing is possible. Daily activities are possible with occasional problems.
- Daily activities cause moderate problems.
- Daily activities cause severe problems.

2. Movement Quality

- I feel confident that I can perform at the same level and quality as prior to my injury. I am able to articulate my limbs with 100% certainty or clarity.
- I feel confident that I am almost at the same level and quality of performance as prior to my injury. I am able to articulate my limbs with 80% certainty or clarity.
- I am improving but have a ways to go before I am back to the level and quality I was prior to my injury. I am able to articulate my limbs with 60% certainty or clarity.
- I am improving but can only control my movement quality some of the time. I am able to articulate my limbs with 40% certainty or clarity.
- I am improving but only beginning to focus on movement quality. I am able to articulate my limbs with 20% certainty or clarity.
- I am improving but am working on basics and not able to focus on quality at this time.

3. Walking

- Normal and unlimited, including hills.
- Slight problems, relatively unlimited distances.
- Mild problems, most surfaces, up to half a mile or 10 blocks.
- Moderate problems, flat surfaces, no more than 1/4 mile or 5 blocks.
- Severe problems, only 1/8 mile or 2-3 blocks.
- Severe problems, need cane or crutches.

4. Stairs

- Normal, unlimited up and down stairs.
- Slight problems, need to be careful, particularly (circle one) up / down stairs.
- Mild problems, have to go slowly, particularly (circle one) up / down stairs.
- Moderate problems, only 10-15 steps possible, particularly (circle one) up / down stairs.
- Severe problems, require a bannister for support, particularly (circle one) up / down stairs.
- Severe problems, only 0-5 steps with support, especially (circle one) up / down stairs.

5. Stability and Symptoms

- I can do everything without symptoms of: giving out, locking, catching, grinding, or feeling weak.
- I only have symptoms (of giving out, locking, catching, grinding, or feeling weak) with strenuous dancing or exercise.
- I only have symptoms (of giving out, locking, catching, grinding, or feeling weak) with moderate dancing; it limits my vigorous activities.
- Because I have symptoms (of giving out, locking, catching, grinding, or feeling weak) with light dancing, it limits almost all of my dancing. I occasionally have symptoms with walking or light household work.
- I have symptoms frequently with simple activities such as walking. I must guard my injury at all times.
- I have severe problems with symptoms (of giving out, locking, catching, grinding, or feeling weak). I can't do much of anything without having symptoms.

6. Pain

- I have no pain.
- I have occasional pain with strenuous dance or exercise. I don't think that things are entirely back to normal. Limitations are mild and tolerable, if I am careful.
- There is occasional pain with moderate dancing or light exercise.
- I have pain with any dancing, exercise, or light recreational activities. Occasional pain is brought on by daily activities.
- Pain is a significant problem with activities as simple as walking. The pain is relieved by rest. I can't participate in dancing or exercise.
- I have pain at all times, even during walking, standing, or light household work.

B. TECHNIQUE SPECIFIC

7. Plié

- Able to fully perform grand plié in all positions, including fourth and fifth.
- Able to perform grand plié in first and second only.
- Able to perform grand plié in second position only.
- Cannot grand plié, but can demi-plié in all positions.
- Have some difficulty with demi-plié.
- Cannot demi-plié.

8. Développé

- I am able to fully perform all parts of développé to the front or side without a problem.
- I have slight problems performing développé to the front or side.
- I have mild problems fully extending my leg in développé to the front or side, and must développé at a lower height.
- I have moderate problems fully extending my leg in développé to the front or side and must mark it, but I can fully passé.
- I do not développé to the front or side at all, but can do a full passé.
- I cannot perform a full passé.

9. Relevé Balance

(If you do pointe work, indicate whether you can perform the indicated level on pointe.)

- Able to attain and maintain my balance in relevé / pointe on the involved side without a problem.
- Able to attain and maintain my balance in relevé / pointe on the involved side with only slight problems.
- Able to attain and maintain my balance in relevé / pointe on the involved side with moderate difficulty.
- Able to relevé but can't maintain the balance on the involved side without barre assistance.

- ___ Able to maintain my balance on flat foot, but cannot balance in relevé.
- ___ Cannot relevé or maintain my balance on the involved side on flat foot.

10. Rond de jambe

- ___ Able to fully perform as much and as often as required, at 90°: grand rond de jambe en l'aire a la seconde (rotational movements of the leg in the air).
- ___ Able to perform at reduced speed: rond de jambe en l'aire a la seconde (rotational movements of the leg in the air) .
- ___ Able to perform with mild problems such as reduced number and speed: rond de jambe en l'aire a la seconde (rotational movements of the leg in the air).
- ___ Able to perform with moderate problems such as reduced number, speed, and height (at 45°): rond de jambe en l'aire a la seconde (rotational movements of the leg in the air).
- ___ I mark or avoid all rond de jambe en l'aire type movements (rotational movements of the leg in the air).
- ___ I am unable to perform rond de jambe en l'aire a la seconde (rotational movements of the leg in the air) at all.

11. Kneeling / Floorwork

- ___ Able to fully perform floorwork or kneeling activities, without limitations .
- ___ Able to perform floorwork or kneeling activities, with mild limitations.
- ___ Able to perform floorwork or kneeling activities, with moderate limitations.
- ___ Able to perform floorwork or kneeling activities, with more moderate limitations: may require less repetitions or slight modification
- ___ Severe problems, require support or modification.
- ___ Severe problems, unable to do.

12. Turning

- ___ Able to fully perform unlimited multiple turns of all kinds, on either leg (to the extent you were able prior to your injury).
- ___ Able to perform, but not quite fully, turns of all kinds, on either leg (to the extent you were able prior to your injury).
- ___ Able to perform with slight problems, turns of most kinds, on either leg. I have to be careful about placement.
- ___ I have moderate problems with turning. I am able to do single inside and outside turns on the involved side.
- ___ Severe problems, no turning. I only do turn preparation and balance in releve´ on the involved side.
- ___ Severe problems, unable to balance on the involved side.

13. Jumping

- ___ Able to fully perform everything: all grand and petit allegro (big and small jumping) combinations, including beats (to the extent you were able prior to your injury). Take off power is normal and unlimited. Able maintain my balance when landing from a jump or hop.
- ___ Able to perform, but not quite fully, grand and petit allegro (big and small jumping) combinations (to the extent you were able prior to your injury). Take off power and ability to maintain my balance when landing is pretty good.
- ___ Able to perform with slight problems and some guarding: grand and petit allegro, and balance when landing from jumps or hops. I avoid most difficult jumps. Unable to do repeated jumps.
- ___ I have moderate problems with jumping. I am only doing simple jumps in the center.
- ___ Severe problems, affects all jumping in center floor. Can do simple jumps at the barre.
- ___ Severe problems, no jumping activity possible.

14. Grand Allegro / Across the Floor / Traveling / Running

- ___ Able to fully perform all traveling combinations (change of direction, pivots, quick stops and starts, or run) at full speed.
- ___ Able to perform, but not quite fully, all traveling combinations (change of direction, pivots, quick stops and starts, or run).
- ___ Able to perform, with slight problems, traveling combinations (change of direction, pivots, quick stops and starts, or run) at reduced speed.
- ___ I have moderate problems, and must move slowly and carefully in traveling combinations (change of direction, pivots, quick stops and starts, or run).
- ___ I have severe problems, and must avoid most traveling combinations. I stick to barre and adagio (or center floor).
- ___ I avoid all traveling combinations.

Compared to before my injury, if I had to give my dancing performance a grade from 0 to 100, with 0 being the worst and 100 being the best, I would give myself a _____.