## TRANSLATING THE LANGUAGE OF DANCE AND SCIENCE

## A Resource Page for the Dancer, Dance Educator, and Health Care Professional

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## Introduction

Dancers and dance educators use specific terminology to describe each position and movement a dancer executes. An experienced dancer can execute the same movements whether they are demonstrated or simply described. Similarly, health professionals use anatomical language to communicate a specific health concern and its causes. Barriers to communication may arise between us because: (a) we sometimes use the same word to describe two different things (e.g. a contraction in modern dance technique vs. a contraction of a muscle); and (b) we sometimes use different words to describe the same movement (e.g. tendu devant vs. hip flexion). The purpose of this resource page is to translate between the art (dance terminology) and science (anatomical terms) of dance to facilitate communication between dancers, dance educators, and health care professionals. For more information, see our Resource Pages Discussing Health Concerns and Communication Form for the Dancer, Dance Educator, and Health Care Professional.

	The Art: Dance Terminology	The Science: Anatomical Terms
Positions of the Feet <sup>1</sup>	First, Second, Third, Fourth, Fifth	For photographs, see # 6 on reference list below.
Dance Movements	Turnout	External rotation of the femur in the hip socket
	Demi-Plié, Grand Plié	Half Squat, Full Squat; with the difference that during a plié, the torso remains vertical, not leaning forward.
	Demi-Pointe, Pointe	Weight-bearing plantarflexion; demi-pointe, or "half-point," refers to standing of the balls of the feetmetatarsal heads. It combines plantarflexion of the ankle, inversion of the subtalar joint, and toe hyperextension. Pointe refers to standing on the ends of the toes in pointe shoes. It is similar to demi-pointe except that the toes are flexed.
	Port de Bras	Carriage of the arms through various positions, including varying degrees of shoulder flexion, extension and hyperextension, and horizontal abduction.
	Tendu (or Point), Flex	Non-weight-bearing plantarflexion, dorsiflexion; "pointing the foot" combines plantarflexion of the ankle, inversion of the subtalar joint, and toe

<sup>&</sup>lt;sup>1</sup> Most dance positions and movements can be executed in parallel (neutral) or in turnout (external rotation).

		flexion. "Flexing the foot" combines dorsiflexion
		of the ankle, eversion of the subtalar joint, and
		toe extension.
	Battement	A fast kick of the leg.
	Développé	An action of the leg (at any tempo but usually
		slow) in which the gesture foot passes the
		standing knee and then reaches to a high point
		either front, side or back, straightening the leg
		fully.
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	Forward Bend, Back Bend	Standing forward bends involve standing flexion
		of the spine and hip. Standing back bends involve
		hyperextending the spine.
	Hop (e.g. Temps Levé)	A jump from one foot to the same foot.
	Leap (e.g. Jeté)	A jump from one foot to the other.
	Jump (e.g. Assemblé, Sauté, Sissonne)	A jump from one to two feet (assemblé), two to
		two feet (sauté), two feet to one foot (sissone).
	Pirouette, Chaîné	Turns around the vertical axis
Directions of	Devant	Movement of the lower limb using hip flexion.
Movement	Derrière	Movement of the lower limb using hip extension.
Wiovernent	À la seconde	
	A la secolide	Movement of the lower limb using hip abduction,
		or upper limb using shoulder abduction.
	Close	Movement of the lower limb when returning
		from hip abduction or upper limb when returning
		from shoulder abduction (adducting the limb).
	En dedans/inward	A term used to describe turns on one leg in which
		the direction of the turn is towards the standing
		leg.
	En dehors/outward	A term used to describe turns on one leg in which
		the direction of the turn is away from the
		standing leg.
Structure of a	Technique Class:	Clinic Visit:
Session	BarreA traditional warm up in	Intake questionnaire and consent
30331011	ballet class and some	Paperwork you fill out before the visit begins
		to ensure your safety and confidentiality.
	contemporary and jazz classes; a	1
	series of exercises done using the	2. SubjectiveAn interview to discuss your
	barre to assist balance.	concerns and your goals.
	2. Floor workA traditional warm up	3. ObjectiveA range of tests from
	in some modern, contemporary	questionnaires to physical exam.
	and jazz classes; a series of	4. AssessmentA summary of key findings and
	exercises done on the floor.	possibly a diagnosis.
	3. Centre FloorA series of exercises	5. PlanA list of recommendations including
	done without the use of the barre.	how often and when to follow up,
	4. Across the FloorA series of	modifications, conditioning exercises,
	travelling steps typically done	referrals to other professionals.
	from one corner of the studio to	
	another.	
	Activities Outside of Dance Class:	
	5. Choreography/Repertoire	
	6. Conditioning/Cross-training	
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	8. Performances	

## References

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- 6. Motta-Valencia K. Dance-related injury. *Phys Med Rehabil Clin N Am* 2006;17:697-723. Available at: <a href="https://www.med.nyu.edu/pmr/residency/resources/PMR%20clinics%20NA/PMR%20clinics%20NA\_sports%20med/dance%20related%20injury.pdf">https://www.med.nyu.edu/pmr/residency/resources/PMR%20clinics%20NA/PMR%20clinics%20NA\_sports%20med/dance%20related%20injury.pdf</a>

Please send any feedback to the Resource Committee at resources.healthydancercanada@gmail.com.