Patient must remain in a constant position throughout the test. Head should be in midline or in a constant position each time tested.

X: SPASTICITY ANGLE (THRESHOLD):

The difference $X_{V1} – X_{V3}$ is the Spasticity Angle (X), which reflects the velocity-dependence of the stretch reflex. The larger the spasticity angle the more spastic the muscle.

Velocity of Stretch is indicated for each muscle and remains the same from one test to another, as follows:

X_{V1} = As *slow* as possible

X_{V3} = As *fast* as possible

Y: SPASTICITY GRADE: **Quality of the muscle reaction (GAIN):**

- **0 =** No resistance throughout passive movement
- 1. **=** Slight resistance throughout passive movement
- 2. **=** Clear catch at precise angle, interrupting passive movement, followed by release
- **3 =** Fatigable clonus (*less* than 10 seconds when maintaining pressure) occurring at a precise angle, followed by release
- **4 =** Unfatigable clonus (*more* than 10 seconds when maintaining pressure) occurring at a precise angle

Catch without release:
graded 0 if $X_{V1} = X_{V3}$

Catch without release:
graded 'unratable' if $X_{V1} \neq X_{V3}$

Catch with "minimal" release:
graded 2 if X_{V3} is consistent and consistently $< X_{V1}$

Catch with "minimal" release:
graded 'unratable' if X_{V3} is variable / inconsistent

For grades 0 and 1, the Spasticity Angle = 0 by definition

TARDIEU
SPASTICITY SCALE

Date:_____

Patient:_____

Investigator:_____

X = Degree Y = 0 - 4

***Indicate 'NR' if not ratable**

		LEFT	RIGHT
Muscle Group:	X_{V1}		
	X_{V3}		
	X (V1-V3)		
	Y		
Muscle Group:	X_{V1}		
	X_{V3}		
	X (V1-V3)		
	Y		
Muscle Group:	X_{V1}		
	X_{V3}		
	X (V1-V3)		
	Y		