RELAXATION TECHNIQUES

Relaxation techniques help athletes manage nerves, reduce muscle tension, and/or improve focus before, during, and after practice/competition. Strategies such as meditation and breathing help athletes relax their bodies and minds, so they can perform their best when it counts!

RELAXATION TECHNIQUES HELP ATHLETES:

- Improve performance ²
- Better regulate their emotions ¹
- Improve concentration ³
- Decrease performance anxiety ⁶
- Enhance recovery
- Reduce muscle tension
- Improve sleep ⁴
- Decrease heart rate, cortisol levels, and other markers of stress



ELEMENTS

Relaxation techniques can be used as prep, during or after practice/competition, and in life, too.

Psychological (mental or cognitive) and physiological (bodily or somatic) responses to stress are reduced when using these techniques.

> These techniques can be paired with other mental performance strategies such as self-talk, attention shifting, and goal setting.

TYPES

"Body-to-Mind" Techniques: Change bodily sensations to shift athletes' mental responses to pressures and performances (e.g., breathing). Example: A gymnast does one deep breath before her beam routine.

"Mind-to-Body" Techniques: Use the mind to change athletes' bodily responses in performance moments (e.g., meditation). Example: A bowler says to himself, "I am & calm," before stepping up to bowl.

THE ROLE OF THE COACH

- Determine the most effective individual and team relaxation techniques for your sport context & team.
- Teach athletes how to use relaxation techniques to prepare for performance and dedicate time during training/workouts to practice them.
- Encourage athletes to practice techniques outside of practice just like they would technical skills.
- Help athletes plan for moments when these techniques will be used (e.g., before kickoff).
- Communicate to your athletes the benefits of relaxation techniques for performance and life.



RELAXATION TECHNIQUES

DEFINITION	WHEN TO USE	TIME	instructions
PROGRESSIVE MUSCLE RELAXATION (PMR)			
The systematic tensing and relaxing of major muscle groups progressively throughout the body	The night before or several hours before competition *Avoid using PMR immediately before practice or competition to avoid injury risk	10-15 mins.	Instruct athletes to get comfortable sitting or lying down. Ask them to inhale and squeeze the feet and toes tight, tensing all the muscles in their feet. Hold for 3-5 seconds. Exhale and relax the muscles for 10 seconds. Continue inhaling, tensing, exhaling, and relaxing through each muscle group (legs, core, arms, & shoulders/head). After finishing, allow athletes to pause and notice the relaxed feeling for a minute.
BREATHING TECHNIQUES			
A specific breathing pattern to calm down the body and nervous system	Before/during competition when experiencing nerves, making a mistake, or refocusing before a big moment	2-5 breaths	Box Breathing: Inhale for 4 counts, hold for 4 counts, exhale for 4 counts, & hold for 4 counts. On each breath/hold, trace/visualize tracing 1 side of a square. 4-7-8 Breathing: Inhale for 4 counts, hold for 7 counts, & exhale with a 'whoosh' sound for 8 counts. Repeat. Remind athletes to expand the belly (diaphragm), not the chest, when inhaling.
AUTOGENIC TRAINING			
A series of exercises where athletes use words or phrases to focus on the feelings they want to have 10	Before/during competition to prepare for pressure moments (e.g., a free throw) and calm nerves	1-15 mins.	Instruct athletes to begin breathing in and out. Instruct them to repeat various phrases in their head: • "My heartbeat is calm and regular." • "My stomach feels sturdy."
MEDITATION			
A present moment awareness where attention is focused on the thoughts, feelings, body, and surroundings without judgement ¹¹	Requiarly and/or the hight	1-30 mins.	At the end of practice, share that meditation is simply sitting or standing quietly and paying attention to the present moment. Instruct athletes to find comfortable positions. Begin breathing and say: • "What do you see, hear, smell in this space?" • "Imagine a peaceful place like a park, beach, etc." • "Bring to mind a song/tune you know well. How do you feel hearing this song?"
OTHER HELPFUL RELAXATION TECHNIQUES			
Strategies that help athletes relax and manage stress	Before competition and/or as a part of a pre- performance routine	1-15 mins.	 Help athletes identify 1-2 two strategies: Music: Choose a song and play it. Ask athletes to listen to the beat, lyrics, or sounds of the music. Stretching: Teach stretches such as low lunges, forward bends, child's pose, and bridge pose. Journaling: Instruct athletes to write about their day, practice, or competition for 5 minutes. Mental Imagery: Have athletes visualize potential tactics, skills, and challenges using all five senses to prepare for competition. 12

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