BRINGING BREATHING SCIENCE INTO THE VOICE STUDIO SALLY COLLYER

IN SEARCH OF GOOD BREATHING

Good breathing is fundamental to good singing. *But what is good breathing? And how do teachers teach it?* These are the tough questions that breathing science is tackling, and the results are challenging some of our biggest assumptions.

"There's one right way to breathe."

Trained singers have **unique breathing behaviours**, as personal as fingerprints, even when:

- they learn from the same teacher
- they follow the same instruction
- they think they're all doing the same thing!

"Everything is determined by training."

Actually, singers can't directly control all of their breathing, even when they think they can. So some aspects might not change with training.

"You'll sound better when you breathe my way."

Only if the singer already basically breathes that way. If it disrupts the singer's natural pattern, it won't sound better at all.



PERFECTING THE INDIVIDUAL

One of the most perplexing discoveries is that a well trained singer has very consistent breathing behaviour, but each singer is unique. **Consider 10 highly trained female singers and the** *messa di voce* ...





Where do we go from here? First, we need to find out what determines a singer's breathing behaviour. Then we need to determine whether training alters this and, if so, how. As cheap sensor technologies become available, prepare for an explosion of information. Breathing science ... coming soon to a studio near you!