

Co-existing Anesthesia Residency and AA Training Programs

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Disclosure

- Executive Medical Director, MSA Program Case Western Reserve University SOM
- Residency Director, UH Case Medical Center, CWRU SOM
- ASA Committee Member, Committee on AA Education and Practice
- Commissioner/AAAA representative to NCCAA (National Commission for Certification of Anesthesiologist Assistants)

Co-existing Anesthesia Residency and AA Training Program

- History of AA Programs
 - Case (Cleveland) - 1971 & Emory - 1970
 - South U. - 2004
 - Nova Southeastern (Fort Lauderdale) - 2006
 - U of Missouri at KC - 2008
 - Nova Southeastern (Tampa) - 2009
 - Case (Houston) - 2010

Co-existing Anesthesia Residency and AA Training Program

- Future of AA programs
 - Case (Washington DC) - ? 2012
 - Univ. of Colorado - ?
 - Quinnipiac University (Connecticut) - ?

AA Program Affiliation Models

- Anesthesia Residency & Medical School
 - Case (Cleveland & Houston), Emory
- Medical School
 - U of Missouri KC
- Allied Health School
 - South, Nova Southeastern (Ft Lauderdale & Tampa)

Co-existing Anesthesia Residency and AA Training Program

- AA clinical learning models
 - AA student & AA clinical instructor
 - AA student & anesthesia senior resident
 - AA student & anesthesiologist

Co-existing Anesthesia Residency and AA Training Program

- Theoretical Advantages
 - Opportunity for residents to perform as an attending in the anesthesia care team model
 - Opportunity for residents to familiarize with an alternative mid-level anesthesia provider
 - Opportunity for AA's to solidify the “medical” approach to learning anesthesia delivery

What do the residents think?

- What was your impression of the AA profession *prior to residency*?
 - Very positive 2.7%
 - Positive 2.7%
 - Neutral 91.9 %
 - Negative 2.7%
 - Very negative 0%

What do the residents think?

- What is your impression of the AA profession now?
 - Very positive 13.5%
 - Positive 48.6%
 - Neutral 24.8%
 - Negative 10.8%
 - Very negative 0%

What do the residents think?

- How much did the presence of an AA program influence your decision to rank?

– None	64.8%
– Very little	13.5%
– Some	10.8%
– A lot	5.4%

What do the residents think?

- Do you believe AA' s are allies to anesthesiologists?

– Yes	51.3%
– No	10.8%
– Neutral	24.3%

What do the residents think?

- *Prior to your residency if you were to hire anesthetists, which would you choose?*

– AA' s	21.6%
– CRNA' s	43.2%
– Both	13.5%
– Neither	21.6%

What do the residents think?

- With which group would you prefer to work in the ACT model?
 - AA' s 35.1%
 - CRNA' s 27.0%
 - Both 27.0%
 - Neither 10.8%

What do the residents think?

- Which mid-level anesthesia provider would you prefer to hire if you were an administrator?

– AA' s	43.2%
– CRNA' s	24.3%
– Both	27.0%
– Neither	5.4%

What do the residents think?

- Which mid-level anesthesia provider would you prefer to hire if you were an administrator? (CA-1's only)

– AA's	33.3%
– CRNA's	50.0%
– Both	16.6%
– Neither	0%

What do the residents think?

- Which mid-level anesthesia provider would you prefer to hire if you were an administrator? (CA-3's and Fellows)

– AA's	53.8%
– CRNA's	7.7%
– Both	23.0%
– Neither	15.4%

What do the residents think?

- Do you believe training with AA or CRNA students improves the training experience?

– Yes	16.2%
– No	45.9%
– Neutral	29.7%

What do the residents think?

- Do you believe that training/teaching students as a resident enhances your ability to train/teach as an attending?

– Yes	72.9%
– No	8.1%
– Neutral	13.5%

What do the residents think?

- After completing residency training would you be an advocate for AA' s?

– Yes	45.9%
– No	10.8%
– Neutral	43.2%

What do the residents think?

- After completing residency training would you be an advocate for AA' s? (CA-1' s)
 - Yes 33.3%
 - No 25.0%
 - Neutral 41.6%

What do the residents think?

- After completing residency training would you be an advocate for AA' s? (CA-3' s & Fellows)

– Yes	61.5%
– No	0%
– Neutral	38.5%

What do the residents think?

- Do you consider winning the resident teaching award (given by the AA program) a significant event?

– Yes	45.9%
– No	13.5%
– Neutral	29.7%

What Did I Learn?

- Resident applicants are not familiar with AA' s
- Resident applicants are not influenced by the presence of an AA training program
- After exposure to AA' s, residents are more likely to endorse them