

In the fall of 2016, the MDCB conducted a survey of CMDs. The distribution of the survey was in advance of the MDCB Directors’ November Strategic Planning Session. The Board was interested in garnering information about CMD preferences and professional practice to determine how to continue to meet the needs of certificants.

The request to complete the CMD Survey was distributed to 4,269 CMD practitioners. An unprecedented sixty-one percent of CMDs completed the survey, 2,608 practitioners.

The following represent highlights of the survey. All percentages reported have been rounded to the nearest whole number.

## Demographics

Age	
25-30	6%
31-35	12%
36-40	12%
41-45	14%
46-50	19%
51-55	16%
56-60	14%
61-65	6%
66 plus	1%
Gender	
Female	57%
Male	43%
Employment Status	
Full-time	94%
Part-time	6%
Years in the Profession	
1-5	15%
6-10	21%
11-15	21%
16-20	18%
21-25	11%
26-30	8%
More than 30	6%
Region of Primary Practice	
Northeast - US	20%
Midwest - US	26%
South - US	30%
West - US	18%
Canada	4%
International	2%

Education	
High School	3%
Associates Degree	22%
Baccalaureate Degree	48%
Master’s Degree	19%
Doctorate Degree	1%
Other	7%
Employment Status	
Full time	94%
Part time	6%
Job Title	
Staff medical dosimetrist	51%
Senior medical dosimetrist	25%
Chief medical dosimetrist	9%
Chief radiation therapist	1%
Staff radiation therapist	1%
Dosimetrist/Radiation therapist	12%
Medical physicist	3%
Educator	4%
Manager/administrator	5%
Locum tenens	2.0%
Commercial Representative	2.5%
Other	2.5%
Organizational Memberships	
AAMD	87%
AAPM	5%
ASRT	57%
ASTRO	8%
RSNA	.2%
SROA	.6%

## Credential/Services

### Voting for AAMD/ASRT Liaison Positions

Yes	44%
No	4%
No Preference	52%
41-45	14%
46-50	19%
51-55	16%
56-60	14%
61-65	6%
66 plus	1%

### Change 5-Yr MOC Cycle

Yes	10%
No	68%
No Preference	22%

### Institutional Reimbursement of Credential Fee

Yes	29%
No	71%

## Current Practice

### Remote Planning

0-10%	80.0%
11-20%	7.2%
21-30%	4.1%
31-40%	1.6%
41-50%	1.7%
51-60%	1.0%
61-70%	0.3%
71-80%	0.8%
81-90%	0.8%
91-100%	2.7%

### Specialties

Brachytherapy	22%
Interoperative radiotherapy	1.5%
Photons	95%
Protons	5%
Other	6%

### Practice Areas

Image Fusion	95%
Dose Deformation	57%
Contouring of Normal Structures	98%
IMRT QA	43%
Electron Output Measurements	26%
Weekly Chart Checks	42%
Monthly QA	16%
Daily QA	14%
Contouring for CTV and GTV	32%
Image Reviewing	37%

### IMRT Planning

VMAT	82%
Fixed Field	79%
Hybrid Plans	34%

## Advanced Practice

Finally when posed with the question regarding interest in advanced practice exam, the respondents indicated the following:

### Advanced Practice

Quality Assurance	35%
Advanced Contouring	83%
Image Review	45%