

List of Supplemental Tables and Figures

Supplemental Table 1 - 2020 Clinical Practice Guidelines published by the Council of Medical Specialty Societies

Supplemental Table 2 - Characteristics of Guideline Authors of 2020 Clinical Practice Guidelines published by the Council of Medical Specialty Societies

Supplemental Table 3 - Financial Conflict of Interests among U.S. Physician Authors of 2020 Clinical Practice Guidelines, Stratified by Medical Professional Societies

Supplemental Figure 1 – Conflict of Interest Among U.S. Physician Authors of 2020 Clinical Practice Guidelines, Stratified by Proportions of Undisclosed/Total Conflict of Interest

Supplemental Table 1 - 2020 Clinical Practice Guidelines published by the Council of Medical Specialty Societies

Medical professional society	Number of guidelines in 2020	Selected Guideline for Study	Total number of listed authors	Number of U.S.-based physicians listed authors	COI disclosure policy by society in 2020	Number (%*) of authors with undisclosed / underreported COI based on the past 36 months	Number (%*) of authors with undisclosed / underreported COI based on timespan specified by societies' policies
American Academy of Allergy, Asthma & Immunology (AAAAI)	2	Anaphylaxis—a 2020 practice parameter update, systematic review, and Grading of Recommendations, Assessment, Development and Evaluation (GRADE) analysis ¹	17	15	Not specified	12 (80.0%)	12 (80.0%)
American Academy of Dermatology (AAD)	1	Joint American Academy of Dermatology - National Psoriasis Foundation guidelines of care for the management of psoriasis with systemic nonbiologic therapies ²	34	31	12 months	23 (74.2%)	20 (64.5%)
American Academy of Family Physicians (AAFP)	1	Nonpharmacologic and Pharmacologic Management of Acute Pain From Non–Low Back, Musculoskeletal Injuries in Adults: A Clinical Guideline From the American College of Physicians and American Academy of Family Physicians ¹⁸	6	6	36 months	2 (33.3%)	2 (33.3%)
American Academy of Neurology (AAN)	2	Practice Guideline: Treatment for Insomnia and Disordered Sleep Behavior in Children and Adolescents with Autism Spectrum Disorder ³	26	17	24 months	10 (58.8%)	9 (52.9%)
American College of Cardiology (ACC)	3	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients with Hypertrophic Cardiomyopathy ⁴	19	15	12 months	11 (73.3%)	8 (53.3%)

American College of Emergency Physicians (ACEP)	2	Clinical Policy: Critical Issues Related to Opioids in Adult Patients Presenting to the Emergency Department ⁵	7	7	24 months	2 (28.6%)	2 (28.6%)
American College of Physicians (ACP)	3	Testosterone Treatment in Adult Men With Age-Related Low Testosterone: A Clinical Guideline From the American College of Physicians ⁶	5	4	36 months	1 (25.0%)	1 (25.0%)
American College of Rheumatology (ACR)	3	2020 American College of Rheumatology Guidelines for the Management of Reproductive Health in Rheumatic and Musculoskeletal Diseases ⁷	36	24	24 months	15 (62.5%)	14 (58.3%)
American Gastroenterological Association (AGA)	4	AGA Clinical Practice Guidelines on the Gastrointestinal Evaluation of Iron Deficiency Anemia ⁸	7	7	12 months	3 (42.9%)	2 (28.6%)
American Society of Anesthesiologists (ASA)	1	Practice Guidelines for Central Venous Access 2020: An Updated Report by the American Society of Anesthesiologists Task Force on Central Venous Access ⁹	7	6	Not specified	2 (33.3%)	2 (33.3%)
American Society of Clinical Oncology (ASCO)	12	Metastatic Pancreatic Cancer: ASCO Guideline Update ¹⁰	19	16	24 months	14 (87.5%)	14 (87.5%)
American Society of Colon and Rectal Surgeons (ACRS)	3	The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Surgical Management of Crohn's Disease ¹¹	10	10	36 months	10 (100.0%)	10 (100.0%)
American Society of Hematology (ASH)	4	American Society of Hematology 2020 guidelines for treating newly diagnosed acute myeloid leukemia in older adults ¹²	23	14	24 months	11 (78.6%)	10 (71.4%)
American Society for Radiation Oncology (ASTRO)	3	Radiation Therapy for Small Cell Lung Cancer: An ASTRO Clinical Practice Guideline ¹³	17	14	12 months	12 (85.7%)	7 (50.0%)

American Society for Reproductive Medicine (ASRM)	2	Evidence-based treatments for couples with unexplained infertility: a guideline ¹⁴	15	13	12 months	11 (84.6%)	8 (61.5%)
American Thoracic Society (ATS)	4	Initiating Pharmacologic Treatment in Tobacco-Dependent Adults: An Official American Thoracic Society Clinical Practice Guideline ¹⁵	30	10	36 months	5 (50.0%)	5 (50.0%)
American Urological Association (AUA)	4	Microhematuria: AUA/SUFU Guideline ¹⁶	15	14	24 months	12 (85.5%)	12 (85.5%)
Infectious Diseases Society of America (IDSA)	4	Clinical Practice Guidelines by the IDSA: 2020 Guideline on the Diagnosis and Management of Babesiosis ¹⁷	14	10	24 months	4 (40.0%)	2 (20.0%)
Society of Critical Care Medicine (SCCM)	2	Surviving Sepsis Campaign International Guidelines for Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children ¹⁹	51	25	12 months	12 (48.0%)	8 (32.0%)
Society for Vascular Surgery (SVS)	5	Society for Vascular Surgery (SVS) and Society of Thoracic Surgeons (STS) reporting standards for type B aortic dissections ²⁰	13	12	12 months	12 (100.0%)	12 (100.0%)
Total			371	270		184 (68.1%)	160 (59.3%)

Supplemental Table 2 - Characteristics of Guideline Authors of 2020 Clinical Practice Guidelines published by the Council of Medical Specialty Societies

Characteristics	N (%) (n=371)
Gender	
• Male	221 (59.6%)
• Female	145 (39.1%)
• Unclear	5 (1.3%)
Rank	
• Professor	174 (46.9%)
• Associate Professor	87 (23.5%)
• Assistant Professor	44 (11.9%)
• Other / Not Reported	66 (17.8%)
Location	
• United States	309 (83.3%)
• Canada (No profile on Open Payments)	28 (7.5%)
• Other Countries (No profile on Open Payments)	34 (9.2%)
Degree	
• MD/DO/MBBS	318 (85.7%)
• Non-MD/DO/MBBS	53 (14.3%)
Profile on Open Payments	
• No available profile - Excluded from the analysis	101 (27.2%)
• Available Profile - Included in the analysis	270 (72.8%)
Conflict of Interest declared in the guideline	
• Authors who declared industry-related COIs in the guidelines	129 (34.8%)
• Authors who did NOT declare any industry-related COIs in the guidelines	242 (65.2%)

Abbreviations: COI = conflict of interest; DO = Doctor of Osteopathic Medicine; MBBS = Bachelor of Medicine, Bachelor of Surgery; MD = Doctor of Medicine.

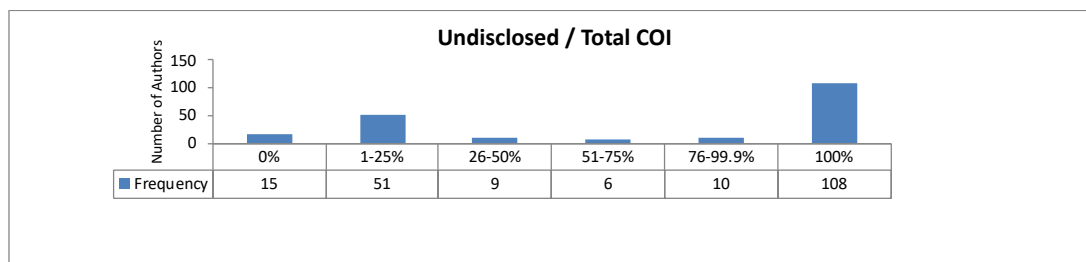
Supplemental Table 3 - Financial Conflict of Interests among U.S. Physician Authors of 2020 Clinical Practice Guidelines, Stratified by Medical Professional Societies

Medical Professional Society	Number of Included Authors	Number of authors with COI (%)	General payments received, Mean (IQR)	Direct research payments received, Mean (IQR)	Associated research funding received, Mean (IQR)
American Academy of Allergy, Asthma & Immunology	15	13 (86.7%)	\$32,119 (\$4,933-\$68,247)	\$0 (\$0-\$2,403)	\$2,500 (0-\$72,166)
American Academy of Dermatology	31	26 (83.9%)	\$70,727 (\$3,945-\$544,211)	\$19,333 (\$0-\$47,124)	\$140,916 (\$0-\$1,735,916)
American Academy of Family Physicians	6	2 (33.3%)	\$2,482 (\$1,372-\$3,539)	\$0 (\$0-\$0)	\$0 (\$0-\$0)
American Academy of Neurology	17	12 (70.6%)	\$1,128 (\$176-\$6,002)	\$0 (\$0-\$0)	\$0 (\$0-\$11,836)
American College of Cardiology	15	11 (73.3%)	\$439 (\$60-\$11,982)	\$0 (\$0-\$0)	\$0 (\$0-\$114,716)
American College of Emergency Physicians	7	2 (28.6%)	\$533 (\$280-\$787)	\$0 (\$0-\$0)	\$0 (\$0-\$0)
American College of Physicians	4	1 (25.0%)	\$239 (\$239-\$239)	\$0 (\$0-\$0)	\$0 (\$0-\$0)
American College of Rheumatology	24	16 (66.7%)	\$3,180 (\$91-\$34,226)	\$0 (\$0-\$1,097)	\$25,423 (\$0-\$221,056)
American Gastroenterological Association	7	3 (42.9%)	\$188 (\$118-\$315)	\$0 (\$0-\$0)	\$0 (\$0-\$0)
American Society of Anesthesiologists	6	2 (33.3%)	\$62 (\$58-\$65)	\$0 (\$0-\$0)	\$0 (\$0-\$0)
American Society of Clinical Oncology	16	14 (87.5%)	\$20,332 (\$2,126-\$49,587)	\$1,315 (\$0-\$4,213)	\$588,530 (\$203,102-\$2,730,253)
American Society of Colon and Rectal Surgeons	10	10 (100.0%)	\$18,990 (\$12,137-\$69,903)	\$0 (\$0-\$0)	\$266 (\$0-\$30,962)
American Society of Hematology	14	13 (92.9%)	\$11,239 (\$1,286-\$133,932)	\$1,221 (\$0-\$27,779)	\$477,734 (\$222,642-\$803,713)
American Society for Radiation Oncology	14	12 (85.7%)	\$6,190 (\$2,248-\$35,673)	\$0 (\$0-\$0)	\$0 (\$0-\$74,438)
American Society for Reproductive Medicine	13	11 (84.6%)	\$834 (\$54-\$5,444)	\$0 (\$0-\$0)	\$0 (\$0-\$0)
American Thoracic Society	10	6 (60.0%)	\$445 (\$249-\$11,657)	\$0 (\$0-\$0)	\$0 (\$0-\$0)

American Urological Association	14	13 (92.9%)	\$8,853 (\$1,120-\$28,184)	\$0 (\$0-\$0)	\$0 (\$0-\$10,000)
Infectious Diseases Society of America	10	5 (50.0%)	\$133 (\$70-\$12,757)	\$0 (\$0-\$0)	\$0 (\$0-\$36,825)
Society of Critical Care Medicine	25	15 (60.0%)	\$291 (\$6 - \$3,637)	\$0 (\$0-\$0)	\$0 (\$0-\$6,917)
Society for Vascular Surgery	12	12 (100.0%)	\$28,714 (\$18,066-\$85,445)	\$0 (\$0-\$0)	\$54,800 (\$6,155-\$350,983)

Abbreviations: COI = conflict of interest; IQR = interquartile range.

Supplemental Figure 1 – Conflict of Interest Among U.S. Physician Authors of 2020 Clinical Practice Guidelines, Stratified by Proportions of Undisclosed/Total Conflict of Interest



Abbreviations: COI = conflict of interest.

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