

## RELATIONSHIP CODES

1. SPEAKER/SPEAKER'S BUREAU
2. CONSULTANT, ADVISOR
3. STOCK OWNERSHIP (NOT INCLUDING STOCKS OWNED BY A MANAGED PORTFOLIO)
4. RESEARCH GRANT SUPPORT (INCLUDING GRANTS IN WHICH SPEAKER IS LISTED AS PI)
5. EMPLOYMENT AFFILIATION/SPOUSE EMPLOYMENT AFFILIATION
6. ROYALTY, PATENTS
7. CORPORATE RESEARCH COLLABORATION (INCLUDING TRIALS/PRODUCT TESTING)
8. OTHER (EDUCATOR OR HONORARIA)
9. MEMBER DATA SAFETY AND MONITORING BOARD

Adams, D ..... ESP Ultrasound Registry Review (1); Caption Health (2), (3)

Altman, C..... UpToDate (6)

Aurigemma, G ..... TomTec (1)

Badano, L ..... GE Healthcare (1); Philips (1); Istituto Auxologico Italiano (2)

Borden, M ..... Respirogen Inc. (3)

Bruckheimer, E ..... RealView Imaging (3)

Davis, A .....Lantheus Medical Imaging (1); Caption Health (2)

Demaria, A ..... DIA (4); Hitachi (4); Ultramics (4)

Fanola, C ..... Inari Medica (2); Janssen/Johnson & Johnson (2)

Feigenbaum, H .....KeyLabs (5)

Fowlkes, B .....Philips Healthcare (7)

Hahn, R ..... Abbott Structural (1); Edwards Lifescience (1); Medtronic (1)

Han, Y..... Bracco (2); GE (1); Gilead (4); Pfizer (4)

Hanna, M ..... Akcea (2); Alnylam (2); Pfizer (2)

Hung, J ..... Harpoon Medical Inc. (2); Core Lab (2)

Iriart, X ..... Abbott (1); Medtronic (2); Philips (1)

Jankowski, M ..... Caption Health (2)

Kim, E ..... Acer Therapeutics (2)

Kizer, J ..... Bristol Myers Squibb (3); Johnson & Johnson (3); Medtronic (3); Merck (3); Pfizer (3)

Kutty, S ..... GE (2); ZS Associates (2)

Leong-Poi, H..... Lantheus Medical Imaging (1)

Linder, J .....Lantheus Medical Imaging (4); GE Lifesciences (4)

Mahadevan. V ..... Abbott (4); Edwards Lifesciences (4); Gore Inc. (4)

Mitchell, C .....Davies Publishing Inc, (8); W.L. Gore & Associates (4) Wolters-Kluwer/Elsevier (6), (8)

Monaghan, M .....4 Tech (2); Neovasc (2); Philips (1)

Nyman, C ..... Edwards Lifesciences (1), (3)

Palma, R ..... Lantheus Medical imaging (1); Philips Medical Imaging (1)

Pandey, A .....Roche Diagnostics (2), (8)

Pandian, N..... Lantheus (1); Canon (2); Siemens (2)

Parks, M.M ..... Lantheus (1)

Parthiban, A .....Edwards Lifesciences (4)

Patel, A .....Alnylam (1); Philips Healthcare (4); General Electric (4)

Patil, P..... Edwards Lifesciences (1)

Pellikka, P .....GE Healthcare (4); Lantheus (4); NHLBI (4)

Porter, T ..... Lantheus (2); Northwest Imaging Forums (1); Philips (8)

Pruetz, J ..... Prolacta Science (2)

Quaife, R ..... Philips (4)

Qasim, A ..... Abbott Vascular (4); Biotelemetry (2); Medtronic (4)

Rudski, L ..... General Electric (3)

Rychick, J .....NUVO Inc. (2)

Senior, R .....Bracco (1); Lantheus Medical Imaging (1); Philips Healthcare (1)

Salcedo, E ..... Philips Medical (2)

Schiller, N ..... GE Health Care (4); Echonous (2); Cardiocore (2)

Sengupta, P .....Heart Sciences (2); Kencor Health (2); Ultromics (2)

Shernan, S .....Philips Health (8); e-echocardiography.com (8)

Shook, D ..... Baylis Medical (8); Boston Scientific (8); Edwards Lifesciences (2), (8)

Sugeng, L ..... Canon (4); Philips (7); Seimens (1)

Thavendiranathan, P ..... Amgen (1)

Tison, G ..... Janssen Pharm (4); MyoKardia (4)

Weissman, N ..... Baylabs (2); Edwards (4); Boston Scientific (4); Abbott (4)  
GE Healthcare (4); Medtronic (4)  
Yoler, L .....Playground Global (8); Zoox (2)  
Yu, A ..... Genentech (2)

## **NO DISCLOSURES**

Abraham, T; Ahmad, M; Aly, Doaa; Aragam, J; Arnaout, R; Aronson, L; Ayres, N; Balasubramanian, S;  
Bansal, M; Barker, P; Betz, J; Blankstein, R; Blauwet, L; Bogerman, M; Blum, M; Bogerman, M;  
Bremer, M; Broberg, C; Buddhé, S; Byrd, B; Camarda, J; Carroll, J; Cassidy, C; Cauduro, S; Chetrit, M;  
Chew, J; Cohen, M; Collins, K; Cosyns, B; Cuneo, B; Dal-Bianco, J; DiMaria, M; Donal, E; Donofrio, M;  
Dorfman, A; Drake, D; Edvardsen, T; Eidem, B; El-Assad, I; Farmer, C; Farooqi, K; Feller-Printz, B;  
Ferrari, V; Fleishman, C; Frampton, A; Freud, L; Friedberg, M; Frommelt, P; Gaitonde, M; Garcia, M;  
Gardin, J; Gelzinis, T; Gill, E; Grimm, R; Harrington, C; Harris, I; Hays, A; Henry, T; Hirata, K; Igata, S;  
Ignatowski, D; Izumi, C; Jone, P; Kapur, N; Kasir, K; Kato, N; Khandheria, B; Khanna, A; Khoo, N; Kim,  
K; Kirkpatrick, J; Koliass, T; Kort, S; Kramer, C; Kronzon, I; Kumaresam, A; Kwan, I; Landeck, B; Lanspa,  
M; Lefebvre, B; LeLeiko, R; Lewin, M; Little, S; Loncaric, F; Lopez, L; Lu, J; Mackensen, G; Main, M;  
Mardy, C; Marshall, J; Marx, G; Maslow, A; Mathias, W; Mayer, S; Mertens, L; Michelfelder, R;  
Moon-Grady, A; Moore, R; Morhy, S; Morris, S; Mukherjee, C; Mulvagh, S; Nagueh, S; Nanda, N;  
Nguyen, H; Nguyen, T; Nicoara, A; Nikravan, S; Nkomo, V; O'Leary, P; Ortoleva, J; Pai Cole, S;  
Pampaloni, M; Panebianco, N; Parikh, N; Parra, D; Peyvandi, S; Pham, V; Phelan, D; Phillip, S; Picard,  
M; Pickard, S; Plana, J; Powell, A; Prado, A; Pushparajan, K; Qian, L; Quartermain, M; Radhakrishnan,  
A; Rahko, P; Raza, S; Reisman, M; Rigolin, V; Roemer, S; Rose, G; Rosen, D; Rove, J; Rutherford, G;  
Sachdeva, R; Sanborn, D; Scherrer-Crosbie, M; Scott, N; Sengupta, S; Shahul, S; Shamoun, F; Shea, E;  
Shirali, G; Silverton, N; Silvestry, F; Simpson, J; Slesnick, T; Smiseth, O; Spina, S; Srivastava, S;  
Stainback, R; Stern, K; Subramaniam, K; Swaminathan, M; Taub, C; Taylor, C; Thamman, R; Tolstrup,  
K; Tsai, A; Tsutsui, J; Tweet, M; Umland, M; Villanueva, F; Vorsanger, M; Warraich, H; Wasserman,  
M; Wei, K; Wells, B; Weyman, A; Weigers, S; Wong, J; Wood, M; Yamamoto, K; Yamat, M; Young, L;  
Zhang, L; Zoghbi, W.



