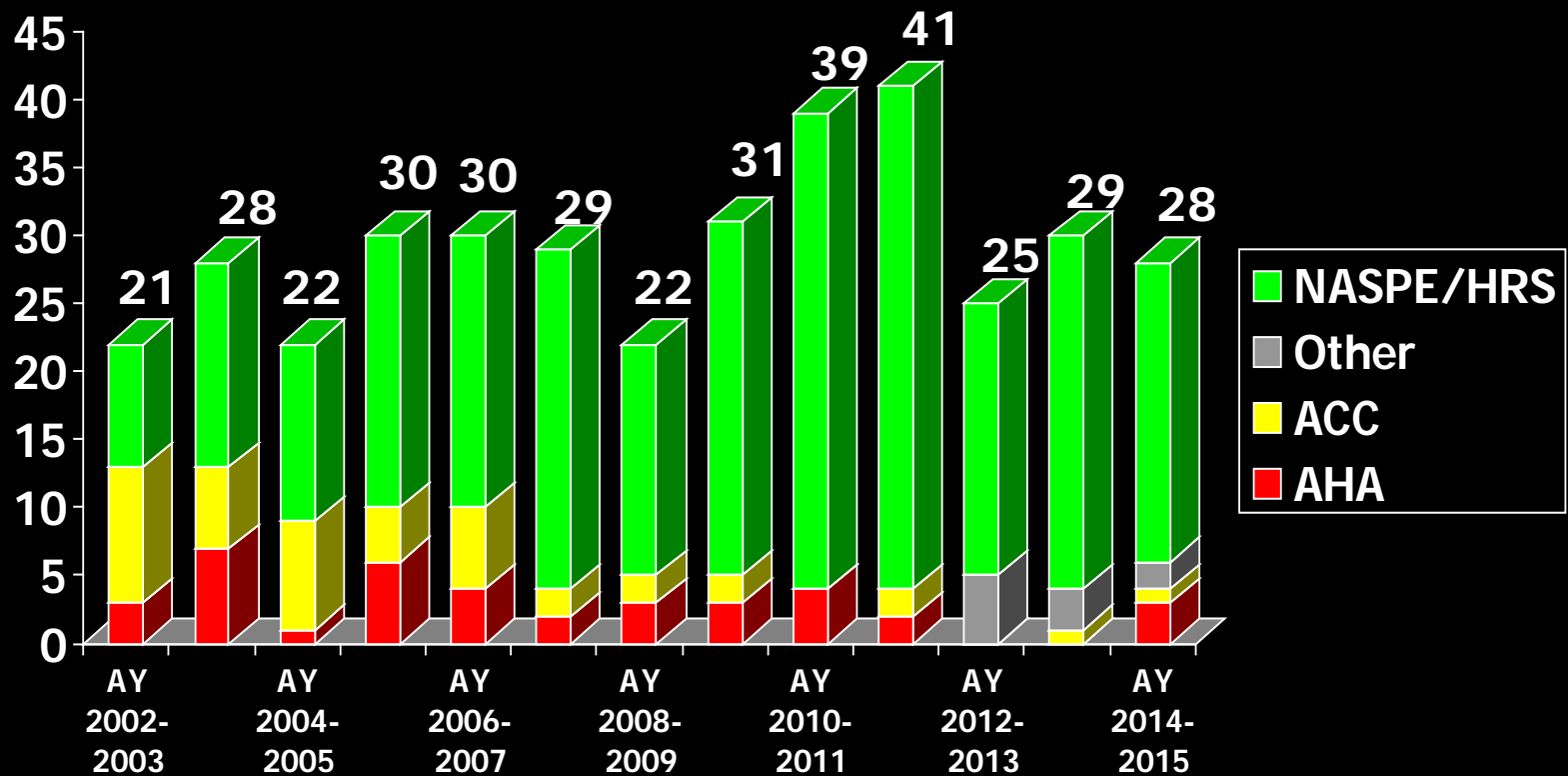
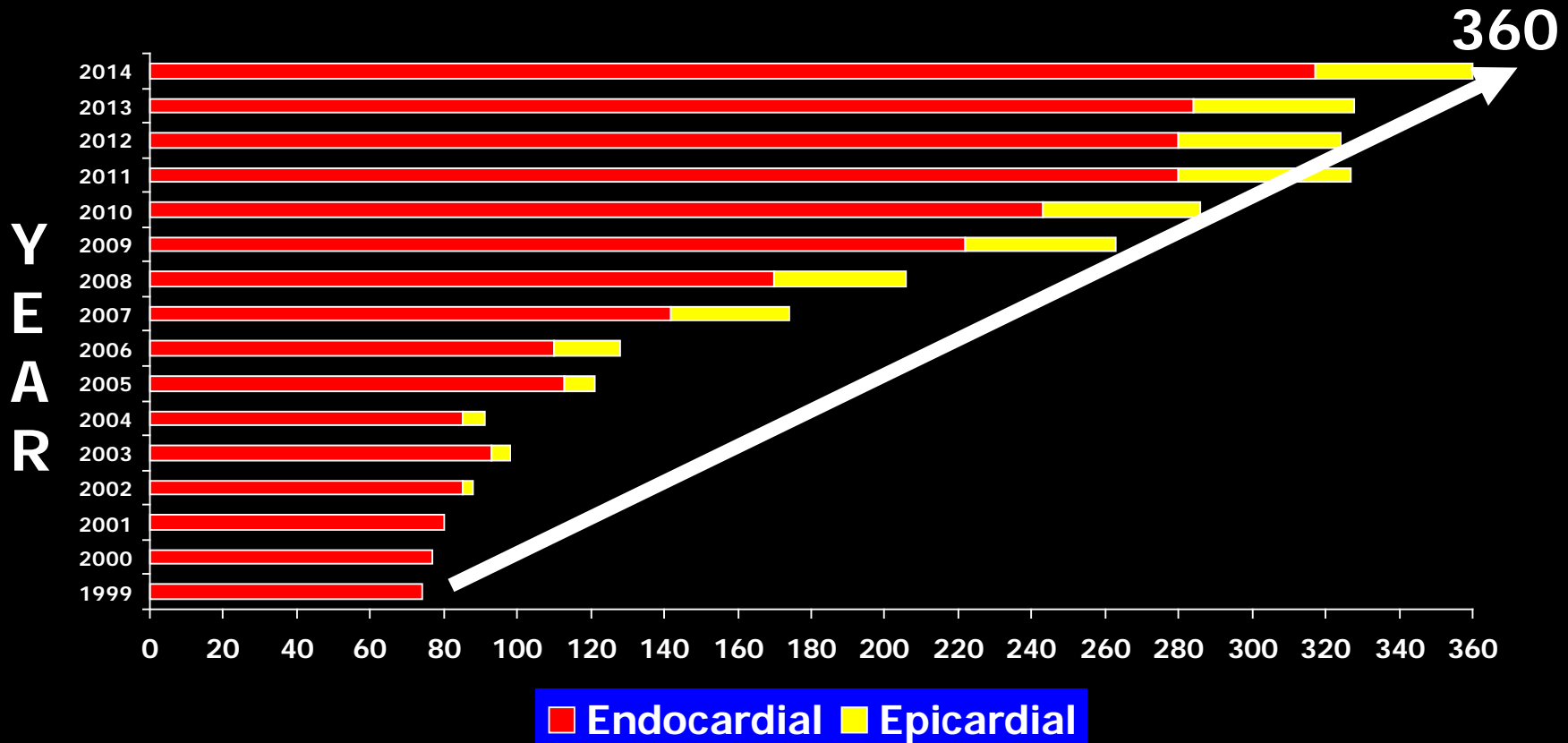


# Penn EP: Abstract Presentations

- ~30/year with >75% of abstracts presented by fellows



# VT Ablations (UPENN) 1999 -2014 ( N = 3036 ablation procedures)

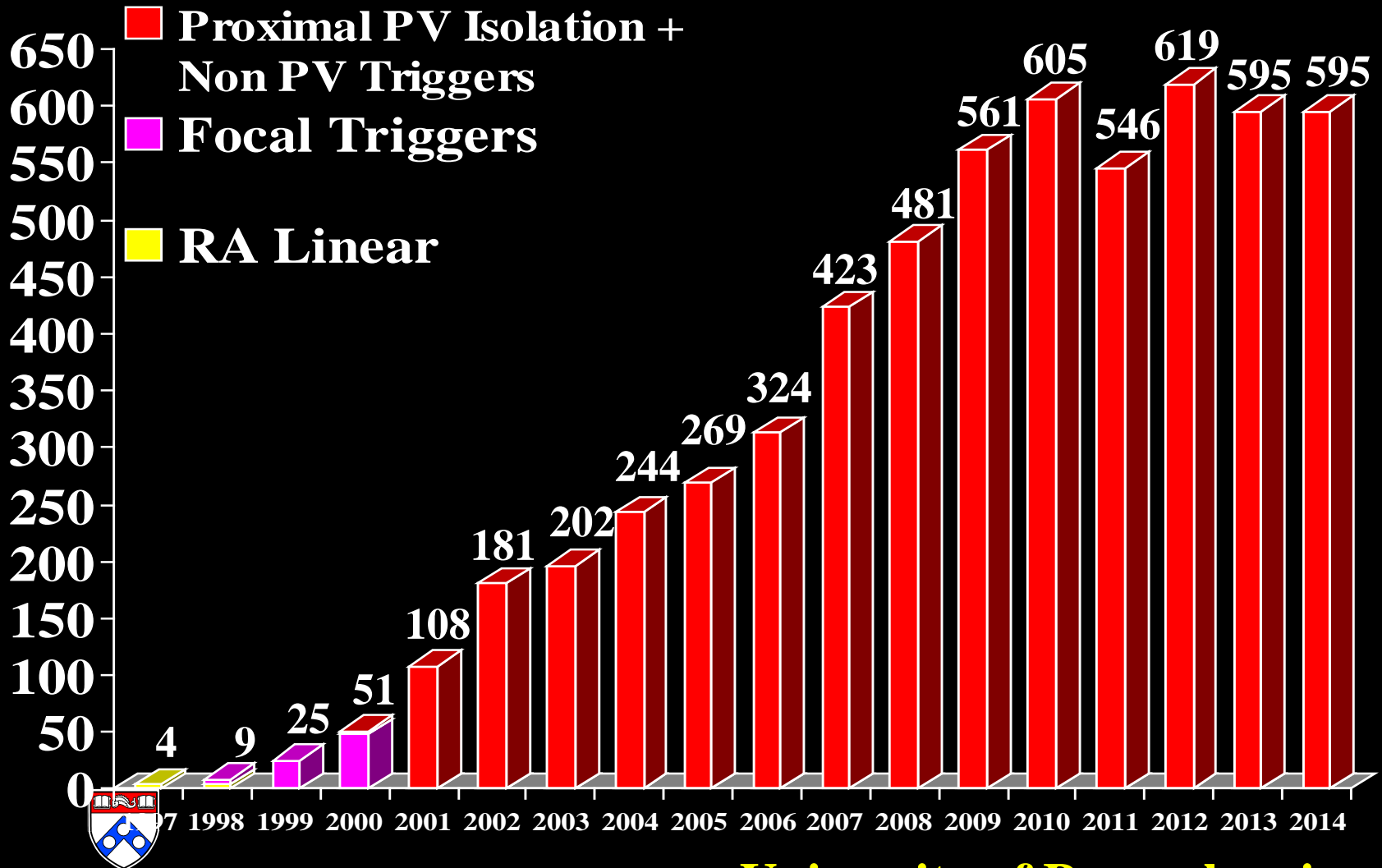


Number of VT Ablations

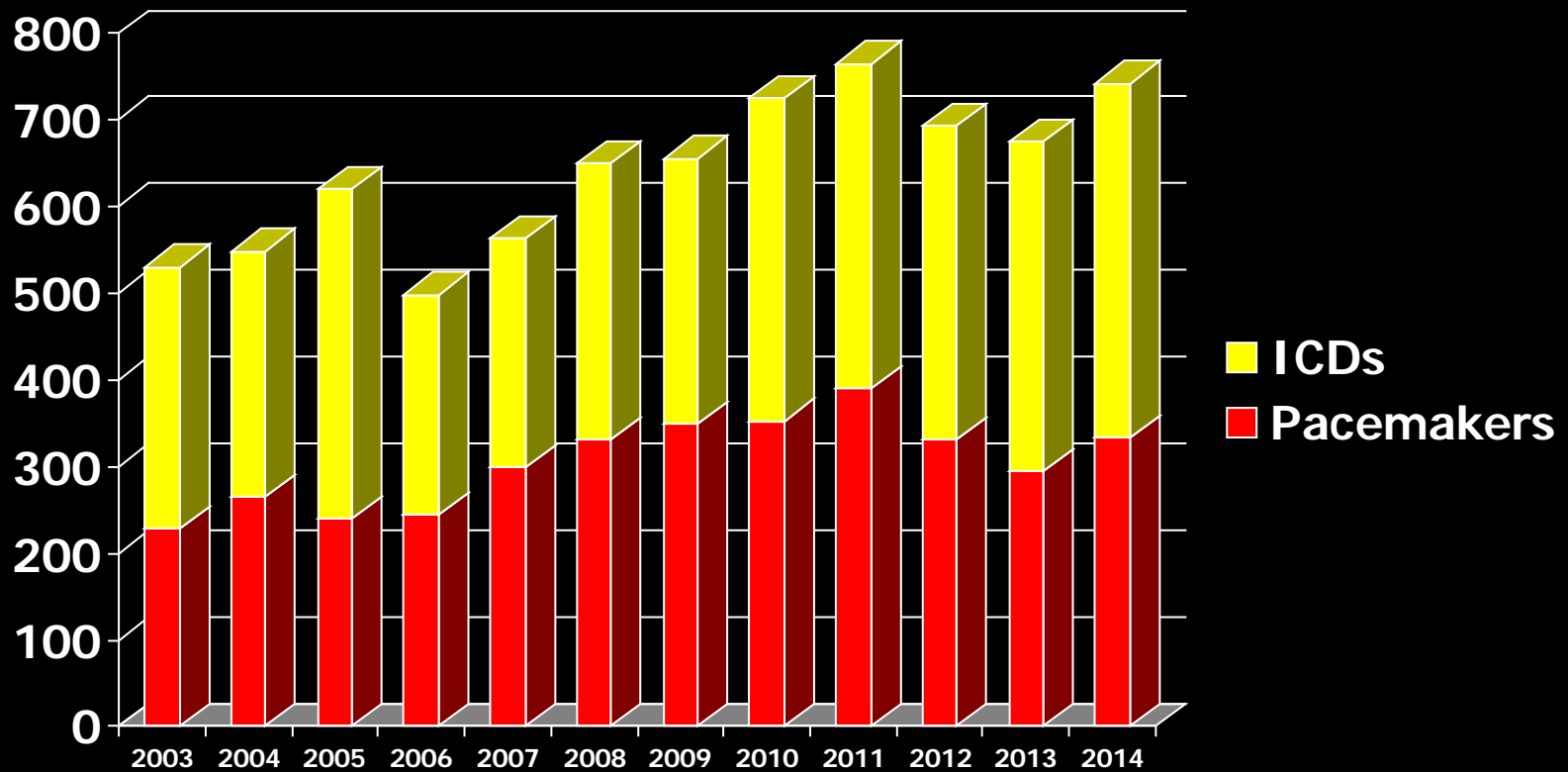


# Atrial Fibrillation Ablation Procedures

N= 5429 procedures, 4197 pts



# HUP EP Device Procedures



# Selected Publications AY 2014-15\*

- Liang JJ, Khurshid S, Schaller RD, Santangeli P, Marchlinski FE, Frankel DS. Safety and Efficacy of Catheter Ablation for Ventricular Tachycardia in Elderly Patients with Structural Heart Disease. JACCEP. 2015;1(1):52-58.
- Squara F, Frankel D, Schaller R, Kapa S, Sureddi R, Callans D, Marchlinski F, Dixit S. Voltage mapping for delineating excitable dense scar in patients undergoing AF ablation: New tool for validating pulmonary vein isolation. Heart Rhythm. 2014 Nov;11(11):1904-11.
- Khurshid S, Epstein AE, Verdino RJ, Lin D, Goldberg LR, Marchlinski FE, Frankel DS. Incidence and predictors of right ventricular pacing-induced cardiomyopathy, Heart Rhythm. 2014 Sep;11(9):1619-25.
- Kapa S, Desjardins B, Callans DJ, Marchlinski FE, Dixit S. Contact electroanatomic mapping derived voltage for characterizing left atrial scar in patients undergoing ablation for atrial fibrillation. J Cardiovasc Electrophysiol. 2014 Oct;25(10):1044-52.
- Squara F, Maeda S, Aldhoon B, Marginiere J, Santangeli P, Chik WW, Michele J, Zado E, Marchlinski FE. In vitro evaluation of ice-cold saline irrigation during catheter radiofrequency ablation. J Cardiovasc Electrophysiol. 2014 Oct;25(10):1125-32.
- Liang JJ. Diet and exercise during cardiology fellowship training: practicing what we preach. J Am Coll Cardiol. 2014;64(16):1755-7.



\*Fellows, residents, students underlined

# Selected Publications AY 2014-15\*

- Benhayon D, Lugo R, Patel R, Carballeira L, Elman L, Cooper JM. Long-term arrhythmia follow-up of patients with myotonic dystrophy. J Cardiovasc Electrophysiol. 2015 Mar;26(3):305-10.
- Squara F, Liuba I, Chik W, Santangeli P, Maeda S, Zado E, Callans D, Marchlinski FE. Electrical connection between ipsilateral pulmonary veins. Prevalence and implications for ablation and adenosine testing. Heart Rhythm. 2015 Feb;12(2):275-82.
- Santangeli P, Muser D, Zado ES, Magnani S, Khetpal S, Hutchinson MD, Supple G, Frankel DS, Garcia FC, Bala R, Riley MP, Lin D, Rame JE, Schaller R, Dixit S, Marchlinski FE, Callans DJ. Acute hemodynamic decompensation during catheter ablation of scar-related ventricular tachycardia incidence, predictors, and impact on mortality. Circ Arrhythm Electrophysiol. 2015 Feb;8(1):68-75.
- Campos B, Jauregui ME, Marchlinski FE, Dixit S, Gerstenfeld EP. Use of novel fragmentation map to identify the substrate for ventricular tachycardia in postinfarction cardiomyopathy. Heart Rhythm. 2015 Jan;12(1):95-103.
- Sadek MM, Benhayon D, Sureddi R, Chik W, Santangeli P, Supple G, Hutchinson MD, Bala R, Carballeira L, Zado ES, Patel VV, Callans DJ, Marchlinski FE, Garcia FC. Idiopathic ventricular arrhythmias originating from the moderator band: Electrocardiographic characteristics and treatment by catheter ablation. Heart Rhythm 2015 Jan;12(1):67-75.
- Mountantonakis SE, Elkassabany N, Kondapelli L, Marchlinski FE, Mandel JE, Hutchinson MD. Provocation of atrial fibrillation triggers during ablation: Does the use of general anesthesia affect inducibility? J Cardiovasc Electrophysiol. 2015 Jan;26(1):16-20.



\* Fellows, residents, students underlined

## Selected Publications AY 2014-15\*

- Liang JJ, Elafros MA, Chik WW, Santangeli P, Zado ES, Frankel DS, Supple GE, Schaller RD, Lin D, Hutchinson MD, Riley MP, Callans DJ, Marchlinski FE, Dixit S. Early recurrence of atrial arrhythmias following pulmonary vein antral isolation: Timing and frequency of early recurrences predicts long-term ablation success. Heart Rhythm. 2015 Jul 14. pii: S1547-5271(15)00897-8. [E-pub ahead of print].
- Maeda S, Chik WW, Han Y, Liang JJ, Squara F, Arkles JS, Sadek MM, Santangeli P, Frankel DS, Zado ES, Takebayashi S, Dixit S, Callans DJ, Lin D, Marchlinski FE. Effects of age related aortic root anatomic changes on left ventricular outflow tract pace-mapping morphologies: A cardiac magnetic resonance imaging validation study. Cardiovasc Electrophysiol. 2015 May 20; [E-pub ahead of print].
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- Squara F, Liuba I, Chik W, Santangeli P, Zado ES, Callans DJ, Marchlinski FE. Loss of local capture of the pulmonary vein myocardium after antral isolation: Prevalence and clinical significance. J Cardiovasc Electrophysiol. 2015 Mar;26(3):242-50.
- Khurshid S, Akerman S, Mann J, Supple G, Dixit S, Epstein AE, Marchlinski FE, Frankel DS. Acute conversion of persistent atrial fibrillation during dofetilide loading does not predict long-term atrial fibrillation free-survival. J Interv Card Electrophysiol. 2015 Mar;42(2):117-24.



\*Fellows, residents students underlined