

BEYOND AFFIRM: CONTEMPORARY MANAGEMENT OF ATRIAL FIBRILLATION

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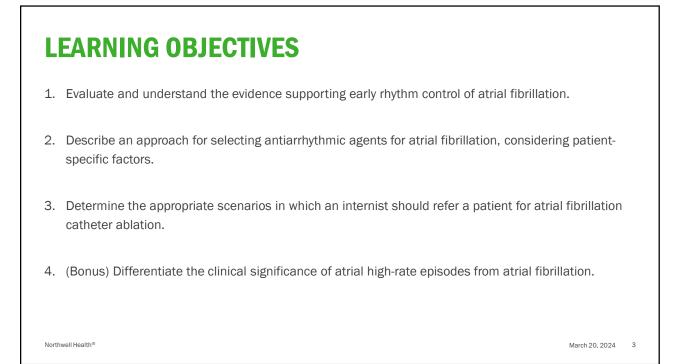
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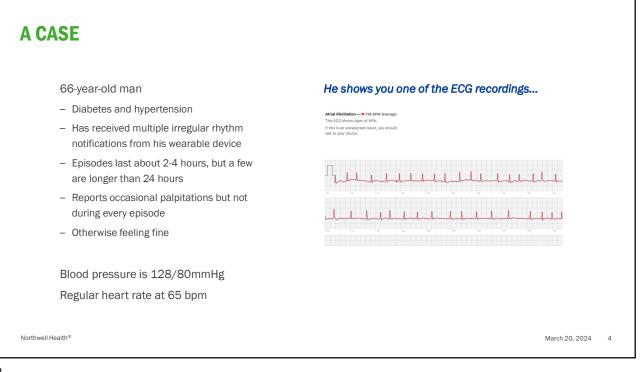
DISCLOSURES

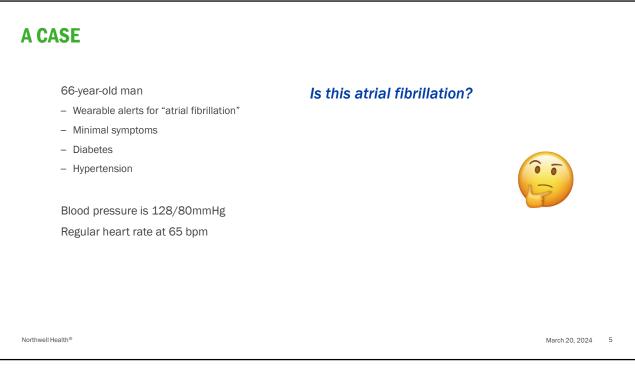
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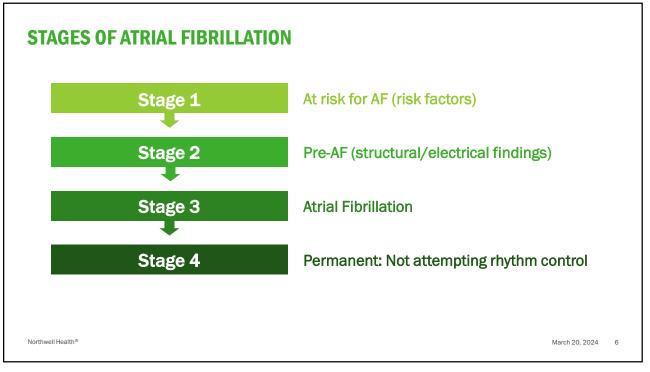
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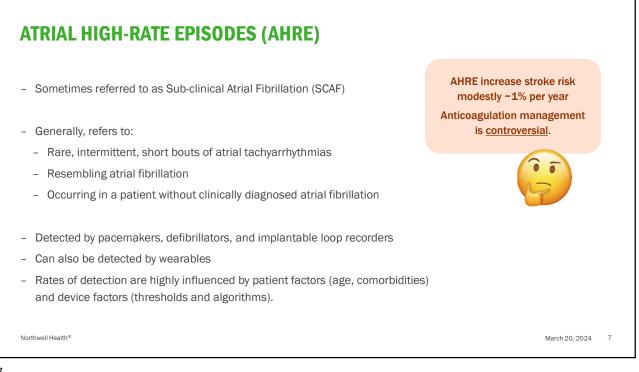
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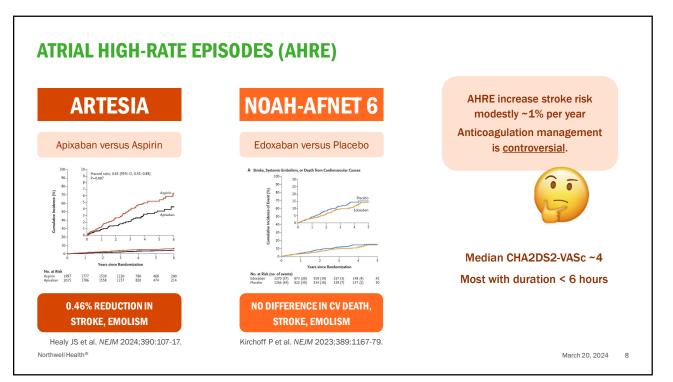


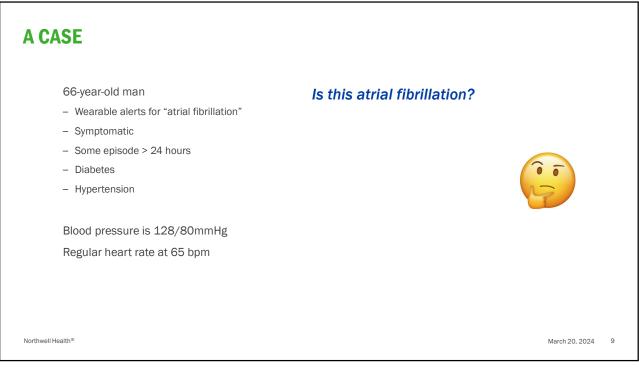


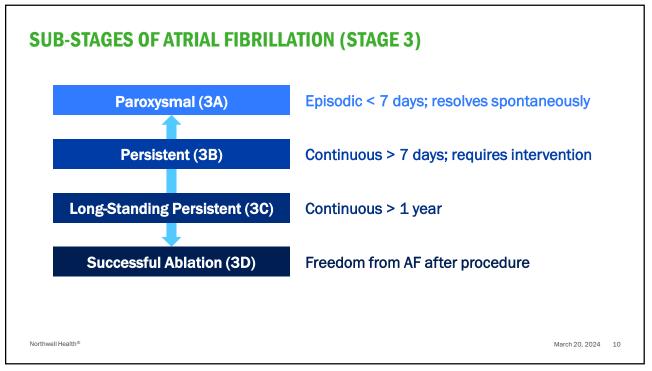


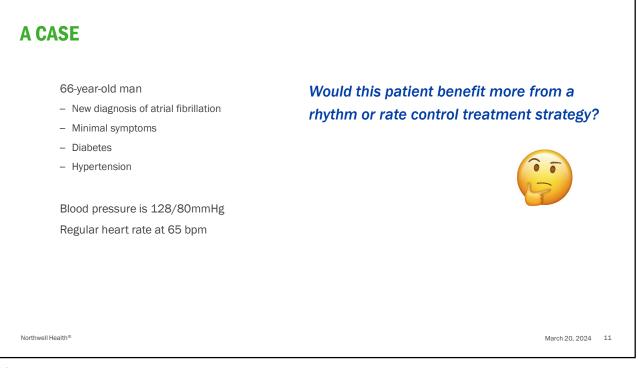




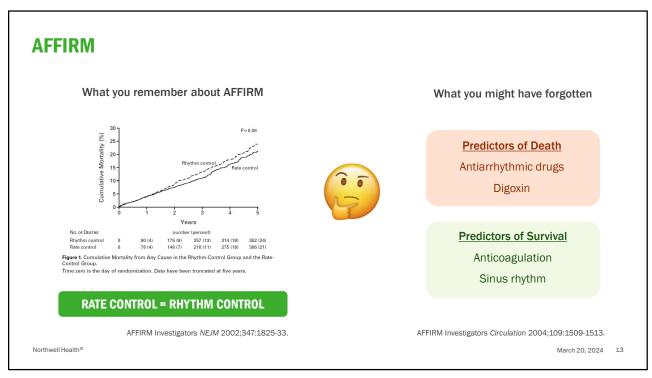


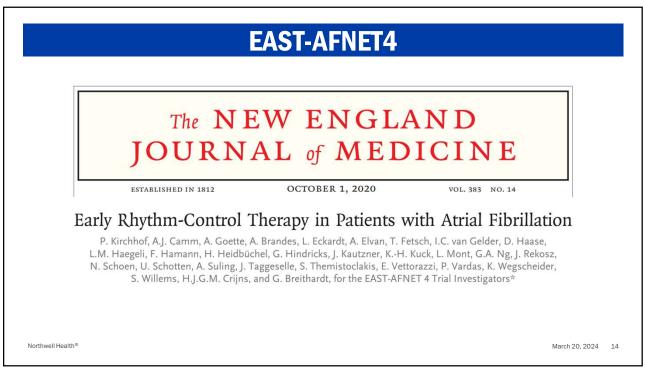


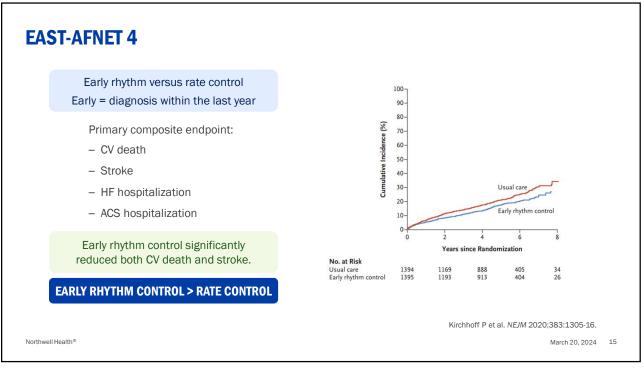


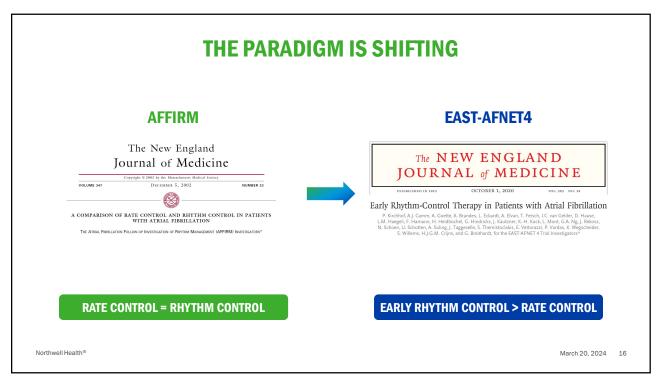




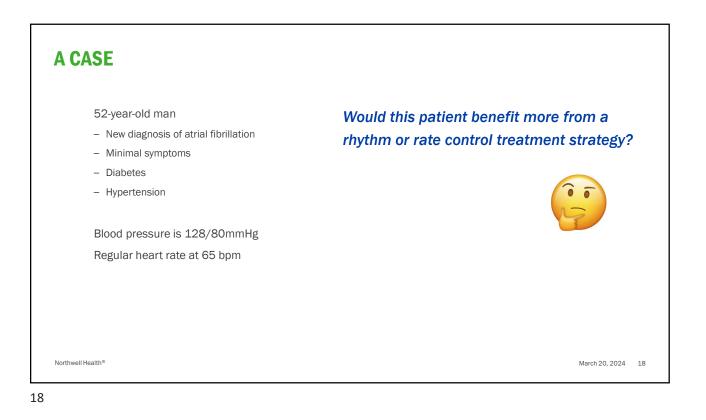




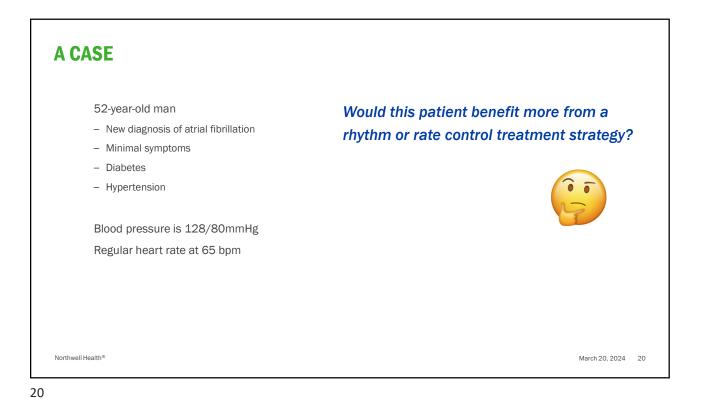


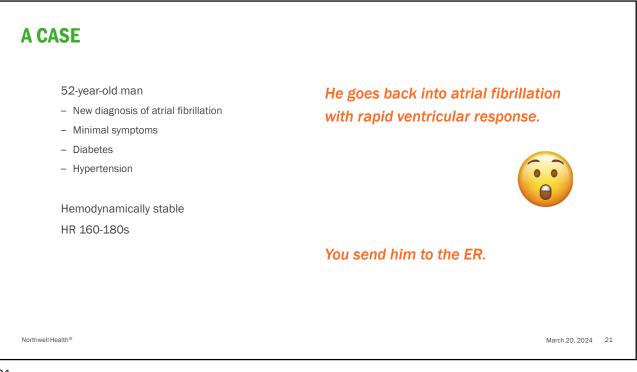


RATE CO	NTROL = RI	нутнм со	NTROL
Trial	Year	N	Follow-up
AFFIRM	2002	4,060	3.5 years
PIAF	2000	252	1 year
RACE	2002	522	2 years
TAF	2003	200	3 years
AF-CHF	2008	1,376	3 years
J-RHYTHM*	2009	885	2 years

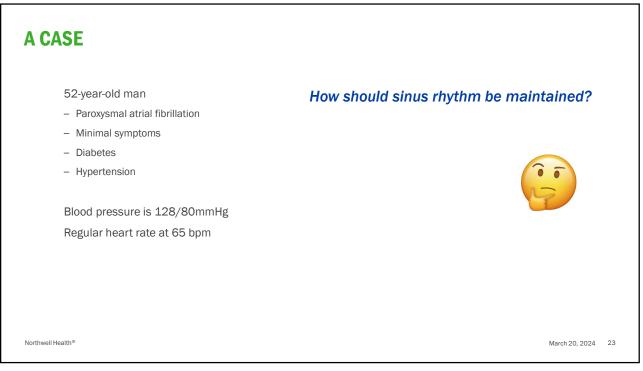


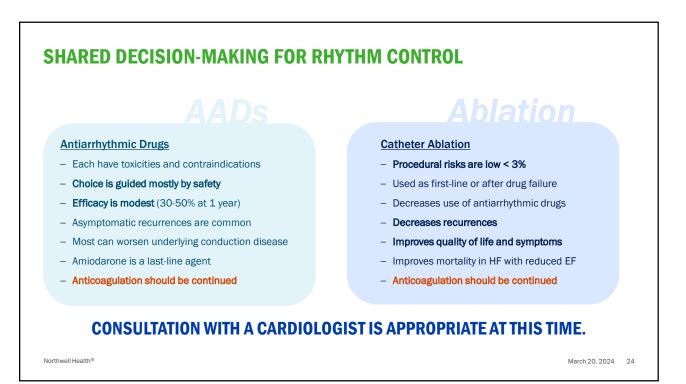
SHARED DECISION MAKING RATE CONTROL RHYTHM CONTROL - 75-85% of patients - 15-25% of patients - Safer medications More toxic medications and/or Fewer hospitalizations Invasive procedures - Most prior studies show similar More hospitalizations _ stroke/death with rhythm control Improved quality of life/symptoms - Based on older studies New studies suggest less stroke/death _ **Requires anticoagulation Requires anticoagulation** Northwell Health® March 20, 2024 19



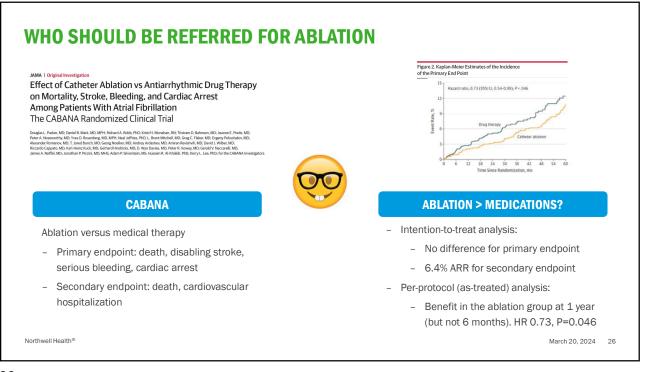


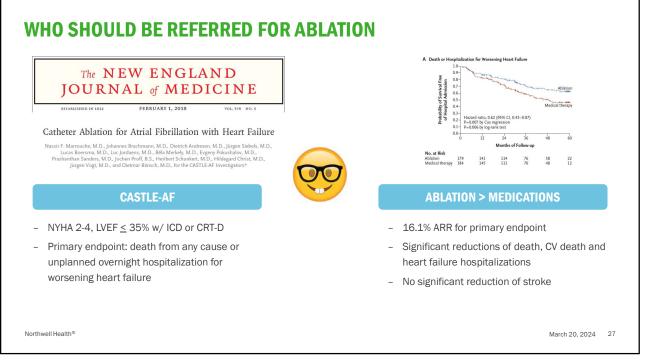


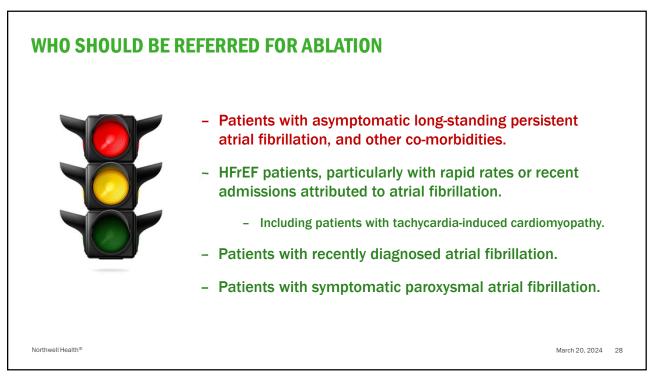




	Flecainide & Propafenone	DO NOT USE WITH CAD, MI, CHF, LVH	
-	Use with AV nodal blocker – ri	sk of 1:1 conduction of atrial flutter	
-	Rare non-cardiac side effects	 dizziness, blurred vision, metallic taste (propafenone) 	
1	Cotolol & Dofotilisto		\wedge
	Sotalol & Dofetilide	DO NOT USE WITH CKD (GFR < 40)	
-	Avoid other QT prolonging drug	-	
	Dronedarone	DO NOT USE WITH CHF	
-	Liver toxicity, anorexia, nausea Bradycardia	a, but less toxic (and effective) than amiodarone	
	Amiodarone	DO NOT USE FIRST LINE	
-	Thyroid, liver, pulmonary toxici Prolongs QT – but rare torsad Sinus bradycardia	ty, ocular and skin discoloration e de pointes	









TAKE HOME POINTS

- Newer trials suggest a paradigm shift for the management of atrial fibrillation.
- Rhythm control may be preferred in select patients:
 - Newly diagnosed
 - Heart failure with reduced LV function
- Involve a cardiologist, particularly if considering a rhythm control strategy.
- Avoid amiodarone, especially in younger patients if possible.
- Regardless of rate or rhythm control, continue anticoagulation!

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AF-CHF	N Engl J Med 2008;358:2667-2677	
AFFIRM	N Engl J Med 2002;347:1825-1833	
AFFIRM Survival	Circ J 2004;109:1509-1513	
ARTESIA	N Engl J Med 2024;390:107-117	
ATHENA	N Engl J Med 2009;360:668-78	
CABANA	JAMA 2019;321(13):1261-1274.	
CASTLE-AF	N Engl J Med 2018;378:417-27	
EAST AFNET 4	N Engl J Med 2020;383:1305-1316	
J-RHYTHM	Circ J 2009;73:242-248	
NOAH AFNET 6	N Engl J Med 2023;389:1167-1179	
PIAF	Lancet. 2000;356:1789-1794	
RACE	N Engl J Med 2002;347:1834-1840	
SPAF	J Am Coll Cardiol 2003;41:1690-1696	

