

Simplified LVEF by WMS FOR INTENSIVIST AND EMERGENCY PHYSICIAN

Transverse View (BMA)		and / or Apical View (2 3 4 C)	
	 B _____	 3C _____	
	 M _____	 4C _____	
	 A _____	 2 3 4 C _____	
N Normokinesia = 60 % MH Mild Hypokinesia = 50 % H Hypokinesia = 40 % SH Severe Hypokinesia = 30 % A Akinesia = 20 %	BMA _____		

<table border="1"> <tr> <td>N = 60 %</td> <td>MH = 50 %</td> <td>H = 40 %</td> </tr> <tr> <td>NNN = 60</td> <td>MHMHMH = 50</td> <td>HHH = 40</td> </tr> <tr> <td>NNMH = 57</td> <td>MHMHH = 47</td> <td>HSHS = 37</td> </tr> <tr> <td>NNH = 53</td> <td>MHMHS = 43</td> <td>HHA = 33</td> </tr> <tr> <td>NNSH = 50</td> <td>MHMHA = 40</td> <td>HSHS = 33</td> </tr> <tr> <td>NNA = 47</td> <td>MHHH = 43</td> <td>HSHA = 30</td> </tr> <tr> <td></td> <td></td> <td>HAA = 27</td> </tr> <tr> <td>NMHHM = 53</td> <td>MHSHS = 40</td> <td></td> </tr> <tr> <td>NMHH = 50</td> <td>MHHA = 37</td> <td>SH = 30 %</td> </tr> <tr> <td>NMHS = 47</td> <td>MHSHS = 37</td> <td>SHSHS = 30</td> </tr> <tr> <td>NMHA = 43</td> <td>MHSHA = 33</td> <td>SHSHA = 27</td> </tr> <tr> <td>NHH = 47</td> <td>MHAA = 30</td> <td>SHAA = 23</td> </tr> <tr> <td>NHSH = 43</td> <td></td> <td></td> </tr> <tr> <td>NHA = 40</td> <td></td> <td>A = 20%</td> </tr> <tr> <td>NSSH = 40</td> <td></td> <td>AAA = 20 %</td> </tr> <tr> <td>NSHA = 37</td> <td></td> <td></td> </tr> <tr> <td>NAA = 33</td> <td></td> <td></td> </tr> </table>	N = 60 %	MH = 50 %	H = 40 %	NNN = 60	MHMHMH = 50	HHH = 40	NNMH = 57	MHMHH = 47	HSHS = 37	NNH = 53	MHMHS = 43	HHA = 33	NNSH = 50	MHMHA = 40	HSHS = 33	NNA = 47	MHHH = 43	HSHA = 30			HAA = 27	NMHHM = 53	MHSHS = 40		NMHH = 50	MHHA = 37	SH = 30 %	NMHS = 47	MHSHS = 37	SHSHS = 30	NMHA = 43	MHSHA = 33	SHSHA = 27	NHH = 47	MHAA = 30	SHAA = 23	NHSH = 43			NHA = 40		A = 20%	NSSH = 40		AAA = 20 %	NSHA = 37			NAA = 33			 EF ≥ 60 % WMSI = 1	 EF = 50 % WMSI = 1.5
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<p style="text-align: center;">A = 20%</p> <p>AAA = 20 %</p> <p style="text-align: center;">NNN=(60+60+60)/3 = 60%</p>	 EF ≤ 20 % WMSI = 3																																																				

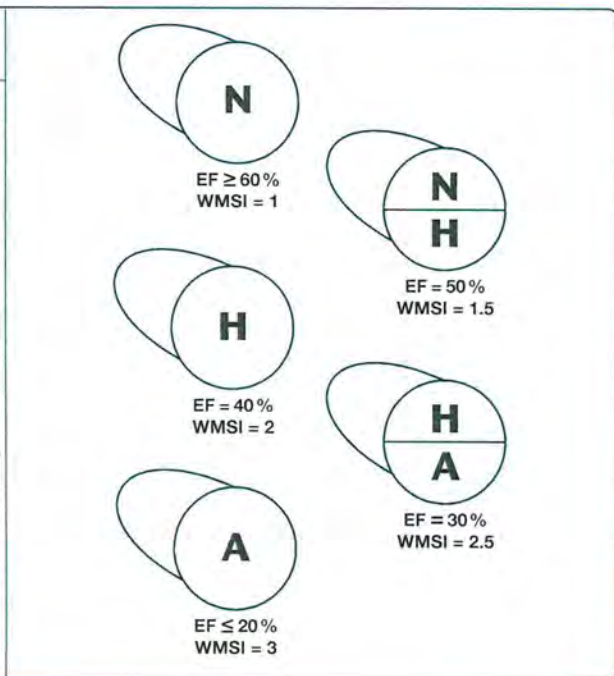
Ref.: Lebeau R. and all, ISRN Emergency Medicine Vol. 2012 : article 309470
Simplified WMS method for non cardiologist to assess LVEF.

example

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Transverse View (BMA)		and / or Apical View (2 3 4 C)	
	<p>B <u>MH</u></p>	<p>3C <u>SH</u></p>	
<p>M <u>H</u></p>	<p>4C <u>H</u></p>		
<p>A <u>A</u> <u>MH, H, A</u> BMA <u>37%</u></p>	<p>2C <u>SH</u> <u>SH, H, SH</u> 2 3 4 C <u>33%</u></p>		

N = 60 %	MH = 50 %	H = 40 %
NNN = 60	MHMHMH = 50	HHH = 40
NNMH = 57	MHMHH = 47	HHSH = 37
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