

Supplementary Information:

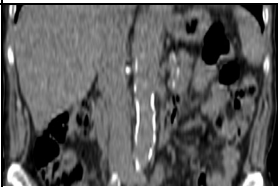
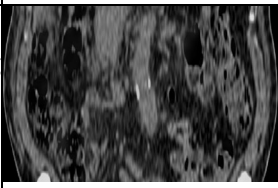
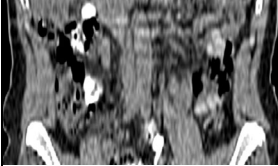
Table A1: Definition of calcifications categories with visual examples of atherosclerosis in the abdominal aorta				
Categories		Definition	Coronal view	Transverse view
0	Severe	>5 calcifications or ≥ 2 calcifications extending for ≥ 3 slices		
1	Moderate	4-5 calcifications or 1 calcification extending for ≥ 3 slices		
2	Mild	≤ 3 calcifications		
3	None	No visible calcifications		

Table A2: Highest uptake score assigned to any vessel per case		
Uptake	Vasculitis	Atherosclerosis
$\leq$ MBP	1	55
MBP - Liver	5	87
$\approx$ Liver	30	171
> Liver	324	47
Total	360	360

Table A3: Most severe calcification score assigned to any vessel per case		
Calcification	Vasculitis	Atherosclerosis
Severe	271	358
Moderate	50	2
Mild	34	0
None	5	0
Total	360	360

Table A4: Overview of cases according to 4-tiered method.			
Component	Combined score	Vasculitis	Atherosclerosis
0	<Liver + Calc	33	298
1	<Liver + No calc	3	15
2	>Liver + Calc	284	47
3	>Liver + No calc	40	0
	Total	360	360

Table A5: Conclusions drawn by observers prior and after taking the survey.				
	Condition			
	x	Vasculitis	Atherosclerosis	Total
Initial 'gestalt' conclusion	Vasculitis	309	30	339
	Atherosclerosis	43	325	368
	Indiscernible	8	5	13
Total		360	360	720
Correct percentage		85,8%	90,3%	88,1%
	Condition			
	x	Vasculitis	Atherosclerosis	Total
Final conclusion	Vasculitis	332	24	356
	Atherosclerosis	28	336	364
	Indiscernible	0	0	0
Total		360	360	720

Correct percentage	92,2%	93,3%	92,8%
Scans belonging to vasculitis/atherosclerosis patients that were judged as indifferent are noted separately.			

Table A6: Conclusions drawn after taking the survey with prosthetic cases removed.

	Condition			
	x	Vasculitis	Atherosclerosis	Total
Final conclusion	Vasculitis	332	15	337
	Atherosclerosis	28	249	277
	Indiscernible	0	0	0
Total		360	264	624
Correct percentage		92.22%	94.32%	93.11%

Table A7: Accuracy of each observer for final conclusions with censored prostheses

Observer 1	Observer 2	Observer 3	Observer 4	Observer 5	Observer 6
88.46% (76.56-95.65%)	94.23% (84.05-98.79%)	98.08% (89.74-99.95%)	94.23% (84.05-98.79%)	92.31% (81.46-97.86%)	96.15% (86.79-99.53%)
Observer 7	Observer 8	Observer 9	Observer 10	Observer 11	Observer 12
98.08% (89.74-99.95%)	80.77% (67.47-90.37%)	98.08% (89.74-99.95%)	98.08% (89.74-99.95%)	92.31% (81.46-97.86%)	86.54% (74.21-94.41%)