

Stratification by Obesity Class, Rather than Age, Can Identify a Higher Percent of Children at Risk for NAFLD and Metabolic Dysfunction.

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Supplemental table 1:

	Boys Stratified by Abnormal ALT Status			
	All Males	No	Yes	p-value
<b>Number of Patients</b>	296	135	161	
<b>Age group, % (N/T)</b>				0.134
2-5	13.2% (39/296)	59.0% (23/39)	41.0% (16/39)	
6-9	24.7% (73/296)	47.9% (35/73)	52.1% (38/73)	
≥10	62.2% (184/296)	41.8% (77/184)	58.2% (107/184)	
<b>Obesity Class, % (N/T)</b>				<0.001
Class I	16.2% (48/296)	62.5% (30/48)	37.5% (18/48)	
Class II	27.7% (82/296)	50.0% (41/82)	50.0% (41/82)	
Class III	56.1% (166/296)	38.6% (64/166)	61.4% (102/166)	
≥ Class II, % (N/T)	83.7% (248/296)	42.3% (105/248)	57.6% (143/248)	0.016
<b>Diabetes risk % (N/T)</b>	35.4% (104/294)	42.3% (44/104)	57.6% (60/104)	0.057
<b>Increased BP, % (N/T)</b>	19.5% (38/195)	44.7% (17/38)	55.2% (21/38)	0.905
<b>Low HDL, % (N/T)</b>	45.5% (132/290)	40.1% (53/132)	59.8% (79/132)	0.082
<b>High TG, % (N/T)</b>	38.1% (113/290)	31.6% (42/133)	45.2% (71/157)	0.024
<b>Metabolic Abnormalities, % (N/T)</b>				
0	5.5% (16/296)	67.8% (11/16)	31.2% (5/16)	
1	32.0% (95/296)	54.7% (52/95)	45.2% (43/95)	
2	33.1% (98/296)	43.8% (43/98)	56.1% (55/98)	
3	22.9% (68/296)	35.3% (24/68)	64.7% (44/68)	
4	6.4% (19/296)	26.3% (5/19)	73.7% (14/19)	
≥3 Metabolic Abnormalities, % (N/T)	29.3% (87/296)	33.3% (29/87)	66.7% (58/87)	0.009

Supplemental table 2:

	Girls Stratified by Abnormal ALT Status			
	All Female	No	Yes	p-value
<b>Number of Patients</b>	333	170	163	
<b>Age group, % (N/T)</b>				0.007
<b>2-5</b>	11.1% (37/333)	35.2% (13/37)	64.8% (24/37)	
<b>6-9</b>	32.1% (107/333)	43.9% (47/107)	56.1% (60/107)	
<b>≥10</b>	56.8% (189/333)	58.2% (110/189)	41.8% (79/189)	
<b>Obesity Class, % (N/T)</b>				<0.001
<b>Class I</b>	19.2% (64/333)	71.9% (46/64)	28.1% (18/64)	
<b>Class II</b>	33.6% (112/333)	55.4% (62/112)	44.6% (50/112)	
<b>Class III</b>	47.1% (157/333)	39.5% (62/157)	60.5% (95/157)	
<b>≥ Class II, % (N/T)</b>	80.7% (269/333)	46.1% (124/269)	53.9% (145/269)	<0.001
<b>Diabetes risk % (N/T)</b>	31.1% (103/331)	48.5% (50/103)	51.4% (53/103)	0.840
<b>Increased BP, % (N/T)</b>	11.% (30/262)	40.0% (12/30)	60.0% (18 /30)	0.270
<b>Low HDL, % (N/T)</b>	43.6% (142/326)	44.4% (63/142)	55.6% (79/142)	0.001
<b>High TG, % (N/T)</b>	43.8% (142/324)	38.0% (54/142)	62.0% (88/142)	<0.001
<b>Metabolic Abnormalities, % (N/T)</b>				
<b>0</b>	7.8% (26/333)	80.8% (21/26)	19.2% (5/26)	
<b>1</b>	28.8% (96/333)	64.6% (62/96)	35.4% (34/96)	
<b>2</b>	38.4% (121/333)	49.6% (60/121)	50.4% (61/121)	
<b>3</b>	22.2% (74/333)	35.1% (26/74)	64.9% (48/74)	
<b>4</b>	3.9% (13/333)	7.7% (1/13)	92.3% (12/13)	
<b>≥3 Metabolic Abnormalities, % (N/T)</b>	26.1% (87/333)	31.0% (27/87)	69.0% (60/87)	<0.001

Supplemental table 3:

Subjects Stratified by ALT Group												
	Boys						Girls					
	All Boys	Normal	Elevated	2xULN	p-value	All Girls	Normal	Elevated	2xULN	p-value		
<b>Number of Patients</b>	296	135	119	42		333	170	133	30			
<b>Age Group, % (N/T)</b>					0.008					0.017		
<b>2-5</b>	13.2% (39/296)	17.0% (23/135)	13.4% (16/119)	0% (0/42)		11.1% (37/333)	7.6% (13/170)	16.5% (22/133)	6.7% (2/30)			
<b>6-9</b>	24.7% (73/296)	25.9% (35/135)	26.9% (32/119)	14.3% (6/42)		32.1% (107/333)	27.6% (47/170)	36.0% (48/133)	40.0% (12/30)			
<b>10+</b>	62.2% (184/296)	57.0% (77/135)	59.7% (71/119)	85.7% (36/42)		56.8% (189/333)	64.7% (110/170)	47.4% (63/133)	53.3% (16/30)			
<b>Obesity Class, % (N/T)</b>					0.048					<0.001		
<b>Class I</b>	16.2% (48/296)	22.2% (30/135)	11.8% (14/119)	9.5% (9/42)		19.2% (64/333)	27.1% (46/170)	12.0% (16/133)	6.7% (2/30)			
<b>Class II</b>	27.7% (82/296)	30.4% (41/135)	25.2% (30/119)	26.2% (11/42)		33.6% (112/333)	36.5% (62/170)	28.6% (38/133)	40.0% (12/30)			
<b>Class III</b>	56.1% (166/296)	47.4% (64/135)	63.0% (75/119)	64.3% (27/42)		47.1% (157/333)	36.4% (62/170)	59.4% (79/133)	53.3% (16/30)			