

S fmbdj' o !fousf !P cftjebe

Z

Fogfsn febe !ef mb !W b B -sfb

E s/Kvbo !Tfcbtuj' o Dspdf

D' ufe sb !ef !P SM !0Dfousp !ef !Wwftujhbdj' o !fo N fejdjob !Sftqjsbupsjb !DN fS

Vojwfstjebe !Dbu' mjdb !ef !D' sepcb

Dpn ju- ef !Bmfshjb !f !Wn vopmph b

TBQ !Gjmbm !D' sepcb

Dpn ju- ef !B tn b !z !W b B -sfbt !Wogfsjpsft

Btpdjbdj' o !Bshfoujob !ef !Bmfshjb !f !Wn vopmph b !Dm o jdb



Kpso bebt !O bdjpbmft !Dpokvoubt !ef !Bmfshjb !f !Wn vopmph b !fo !Qfejbus b
Dfousp !ef !Epdfodjb !z !Dbqbdjbdj' o !Qfej' usjdb !àE s/Dbsmp t !B /H jboboupo j,

Tpdjfebe !Bshfoujob !ef !Qfejbus b !. Foujebe !N busj{

24 !bm!26 !ef !n bzp !ef !3121 !0DBC B



B ttpdjbujp o !C fux ffo !B tuin b !Tzn qun t !boe !
P c ftjuz !jo !Qsftdi ppm! 5.6 !z fbs !pne * !Di jne sfo

BMI category	Wheeze ever		
	Total	Males	Females
Normal	36.5% (33.8–39.2%)	39.6% (35.8–43.4%)	33.0% (29.1–36.9%)
Overweight	37.1% (30.4–43.8%)	44.4% (34.1–54.7%)	31.3% (22.7–39.9%)
Obese	63.5% (53.3–73.7%)	60.0% (43.8–76.2%)	66.0% (52.9–79.1%)

Total $p < .001$, Males $p = 0.02$, Females $p < .001$.

P c ftj'ebe ; !6 UbjB -Wprln fsS -Cvspo B /Kvso bmgB tuin b 311 : <57 ; 473.76

P c ftjuz !boe !ui f !Qsfwbmf odf !pg !B m f sh jd !E jt f b t f t
Jb !Tdi ppm di jne sfo

Tf li b !fodpous bep !btpdjbujp o !fousf !p c ftj'ebe lz !qsfwbmf odf !e f
b t n b !c s p o r v j m t z !t f w f s j e b e l e f l e f s n b u j j t !b u ' q j l b - !f o !b v t f o d j b !
e f !b t p d j b u j p o !d p o !s j o j j t !b m s h j l b !z !d p o k v o u j v j j t !b m s h j l b /

Lvtvopl j U - N p s h p u p U - O j i j l p n p s j S !f u l m x
Q f e j u s !B m f s h z l h n v o p m 3 1 1 9 < 2 : ; 6 3 8 . 6 4 5



S fmbujp o ti jg c fux ffo be jpp l j o f t b o e n b o j g f t u b u j p o t p g d i j m e i p p e b t u i n b



JN D
 Gvodj' o !Qvm pobs
 Qspwpdbdj' o !Cspovj' om

Ø O p ! t f ! f o d p o u s ' b t p d j b d j ' o ! f o u s f ! b t n b ! z !
 m f q u j o b z q ! b e j p p o f d u j o b Ø

Mfquj' o b j' o g t n b d j ' o ! G v o d j ' o l e f l d - n t / U *
 B e j p p o f d u j o b) s p m B J ; ! ↓ U O G - I M . 7 *

Ø S f t j t u j o b ! q p e s t b ! u f o f s t v o ! w b m p s
 q s f e j d u j w p ! o f h b u j w p ! q b s b ! b t n b ! Ø

				j' o *
				p
No. of participants	149	37	54	
Female/male	51/98	12/25	26/28	0.157
Age (years)	10.1 (8.8–11.5)	9.0 (8.2–10.9)	9.1 (8.0–11.1)	0.413
BMI percentile	75.0 (42.3–90.0)	76.0 (56.0–91.5)	68.5 (35.0–93.0)	0.447
Normo	101/38/33	107/3/17	114/11/1	0.054
FVC (% Baselir	Ø B e j p p o f d u j o b ! z m f q u j o b l n v f t u s b o ! b t p d j b d j ' o ! d p o ! b m u f s b d j p o f t ! e f l m b ! g v o d j ' o ! q v m p o b s			
FEF25- Eosino				
Serum Serum				
Leptin (ng/ml) ✓	> 2.27 (0.65–5.03)	> 2.22 (0.96–3.29)	> 2.10 (0.71–4.49)	0.607
Adiponectin (µg/ml)	> 7.60 ± 3.84	> 8.10 ± 4.73	> 7.32 ± 4.19	0.670
Resistin (ng/ml) ✓✓	↓ 11.98 (8.31–16.92)	↑ 13.49 (6.54–31.40)	↑ 5.65 (9.82–28.21)	0.015

Ø B e j p p o f d u j o b ! z m f q u j o b l n v f t u s b o ! b t p d j b d j ' o !
 d p o ! b m u f s b d j p o f t ! e f l m b ! g v o d j ' o ! q v m p o b s
 z ! q p e s t b o ! n p e j g j d b s ! f m d v s t p ! e f m l b t n b ! Ø

L j n I X - r i t j z I i f u l o n / Q f e j u s B m f t n z j n v o g m
 3 1 1 9 2 : : 6 4 6 . 6 5 1



I jhi cjsui x fjhiu-!btuin b boe bupqz bu ui f bhf pg 27 !zs

/!Tf !fodpous' vob !btpdjbdj' o !tjh o jgjdubjwb !fousf !bmup !q f tp
bm!obdfs!)? !5621 !hst*!z !btn b !fousf !mp t !jo e jwjevpt !bu' q jdp t
)P S !3 /51 */

/!P c t f s w b o e p !t' mp !bupqjb-!fmbn bzps !sjf thp !tf !p c t f s w' fousf
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hps b jon fejub !jogfsjps!)5311 !. 5611 !hst*!)P S !2 /35 *-!dpo qb .
sbep t dpo mb !dbuf hps b !e f !sfgf sf o djb !)3611 !. 4451 !hst* /
/!V o !bmup !q f tp !m!obdfs !qv f e f !f tubs !btpdjbe p !dpo !vo !sjf thp
jdsfn foubep !e f !qbe fdfs !btn b-!mp !dvbm!qpes b !e f c f stf !b
mb n bzps !qp tjc jnjebe !e f !e f tbsspmb s !bupqjb /

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MUCHAS GRACIAS !!

ktdspdfA jo tujv updspdf /dpn /bs