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الملخص العربي والاستنتاجات

المقدمة:-

يعتبر الربو من الأمراض المزمنة التي تصيب الجهاز التنفسي وعادة ما تكون الممرات الهوائية منقبضة وملتهبة ومغطاه بكميه متزايدة من المخاط وتكون نتيجة التعرض للمحفزات البيئية مثل التعرض للهواء البارد أو الدافئ أو الرطوبة أو التمرينات الرياضية. يستجيب انقباض الممرات الهوائية إلى موسعات الشعب الهوائية ومعظم المرضى يشعرون بتحسن ما بين النوبات مع وجود بعض الأعراض الطفيفة مع التمرينات الرياضية لفترة أطول من الأشخاص السليمة. تتراوح أعراض الربو ما بين الخفيفة إلى الأعراض التي تهدد الحياة.

الهدف من البحث:-

وكان الهدف من البحث هو دراسة التغيرات في مستوى مثبط البلازمينوجين النشط في البلازما في حالة الربو في الأطفال.

طريقة البحث:-

أجريت هذه الدراسة على ٥٠ طفلا مصابين بالربو الشعبي و قد تم تقسيمهم الي مجموعتين : مجموعة (١) : ٢٥ طفلا ما بين النوبات و مجموعة (٢) : ٢٥ طفلا في حالة أزمة ربوية حادة. وضمت المجموعة الضابطة ٤٠ طفلا طبيعيا صحيحا متوافقا من حيث العمر و الجنس.

وقد خضعت جميع الحالات لفحص طبي شامل إشتمل على:

• تم اخذ موافقة كتابيه من الأهل لفحص الطفل واخذ العينة

• التاريخ المرضي للمريض وللعائلة.

• الفحص الإكلينيكي الشامل للمريض وخصوصا فحص طبي للصدر.

• عمل بعض الفحوصات الطبية مثل:

صوره دم كاملة وتركيز نسبه الازينوفيليا بالدم، تحليل براز و نسبه الجلوبيين المناعي بالدم(IgE).

-أشعه سينيه على الصدر.

وكانت النتيجة الأساسية التي يراد تحديدها هو مستوى مثبط البلازمينوجين النشط في حالات الربو الشعبي

النتائج :

أظهرت النتائج أن متوسط مثبط البلازمينوجين النشط كان 3410.5 ± 9264.0 في حالات الربو الشعبي وكانت 4628.4 ± 2860.0 في الحالات الطبيعية.

ملخص الدراسة

تخلص الدراسة إلى أن مستوى مثبط البلازمينوجين النشط يكون أعلى في حالات الربو الشعبي.