



**Alder Hey Children's**

NHS Foundation Trust

Alder Hey

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Department of Paediatrics

Dr M Deakin - Diabetes Consultant

PCO: Ann Mason 0151 2824518

Our Ref: MD/tm/AH1565586

Date of Clinic: 25/06/2020

Date Dictd: 25/06/2020

Date Typed: 02/07/2020

Dr O Moss  
Blundellsands Surgery  
Blundellsands  
Liverpool  
L23 6TZ

Dear Dr Moss

**Gwendolyn Vials MOORE**  
**2 Coronation Drive**  
**Crosby, Liverpool L23 3BN**

**D.O.B. 22/08/2014**  
**Hospital No. AH1565586**  
**NHS No. 701 057 1422**

**Diagnosis**

1. Tics (vocal and motor)
2. Significant gastroesophageal reflux
3. Trisomy 21
4. Obstructive sleep apnoea
5. Recurrent lower respiratory tract infections
6. Previous suspicion of Hirschsprung's disorder but investigations have ruled it out
7. Known for cardiac arrhythmias but possibly neurogenic in origin, no structural cardiovascular defect
8. Constipation

**Medication**

Omeprazole 5mg twice a day  
Gaviscon 5ml with meals  
Movicol one sachet daily  
Over the counter vitamin-D supplement  
Azithromycin 3 times a week

**Requests for GP / Primary Health Care Team**

None.

**History, Current Symptoms**

I was pleased to meet up with Gwen and her father in Dr Weir's General Paediatric clinic this morning. When has been referred due to concerns about small motor and vocal tics which have been ongoing for the last 3 to 4 months. The tics had previously been noted but have increased in frequency in the last few months and have tended to change in nature so that they are now more motor tics accompanied by mumbling.

The symptoms are worsened when Gwen is upset or tired.

***This patient interaction took place during the Covid-19 pandemic.***

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Parent/Guardian of Gwendolyn Joy Vials  
Moore  
2 Coronation Drive  
Crosby  
Liverpool  
Merseyside  
L23 3BN

32600



There is no family history of tics or Tourette's.

Gwen lives at home with her parents and 9-year-old brother, the only family history of note is that Gwen's mother has antiphospholipid syndrome.

### **Examination**

Height 111 cm (91st to 98th centile, Down syndrome growth chart)

Weight 26.8 kg (98th centile, Down syndrome growth chart)

Examination of go ends cardiovascular, respiratory gastrointestinal system today was normal. There was a small amount of faecal loading noted in the lower left quadrant. She showed no evidence of dry skin or hair nor of a goitre.

### **Investigations, Procedures and Results**

Vitamin D - 40nmol/L (>50)

Full blood count - slightly low White cell count, but all constituents present.

Thyroid function - normal

### **Known Allergies and Adverse Reactions**

Penicillin - Causes an erythematous rash

### **Management Plan**

I have asked father to complete a diary of her tics so that we can see if a pattern becomes apparent. I have referred to the Clinical psychologists who help to manage tics in small children.

Gwen's Vitamin D level is in the insufficiency range, this is usually managed with an increase in dietary Vitamin D and safe sunlight exposure.

### **Follow Up Arrangements**

I have invited Gwen back to Dr Weir's clinic in 3 to 6 months' time.

Yours sincerely

*Electronically checked and authorised by Dr Mark Deakin*

**Dr Mark Deakin**

**Consultant in Diabetes & General Paediatrics**

Copy to:

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The Parent/Guardian of  
Miss Gwendolyn Vials Moore  
2 Coronation Drive  
Crosby  
Liverpool  
Merseyside  
L23 3BN

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