



## **GPRA ONLINE EXAM RESOURCES CLINICAL CASES**

CASE TYPE:

**Short Case – 8 minutes**

NAME:

**Casey Brown**

AUTHOR:



GPRA wishes to acknowledge Pfizer Australia Pty Ltd for their support for this resource in the form of an unrestricted educational grant. This case has been prepared by In Vivo Communications Pty Ltd on behalf of Pfizer Australia.

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Casey Brown, 5 years old

Review date:

**SECTION A: This information is given to the candidate**

**INSTRUCTIONS TO CANDIDATES**

**STANDARD INSTRUCTIONS:**

- This is an 8 minute station.
- Read the following scenario.
- This consultation takes place in a single session.

**ADDITIONAL / OPTIONAL INSTRUCTIONS**

- No further history taking is to be taken.
- Outline your conclusions and proposed management plan to the mother (Terri).

**SECTION A: This information is given to the candidate**

SCENARIO : *(Brief outline of clinical case; age, name, presentation)*

*Terri has brought Casey aged 5 in to see you. Casey has had a fever for the last 24 hours.*

*On examination:*

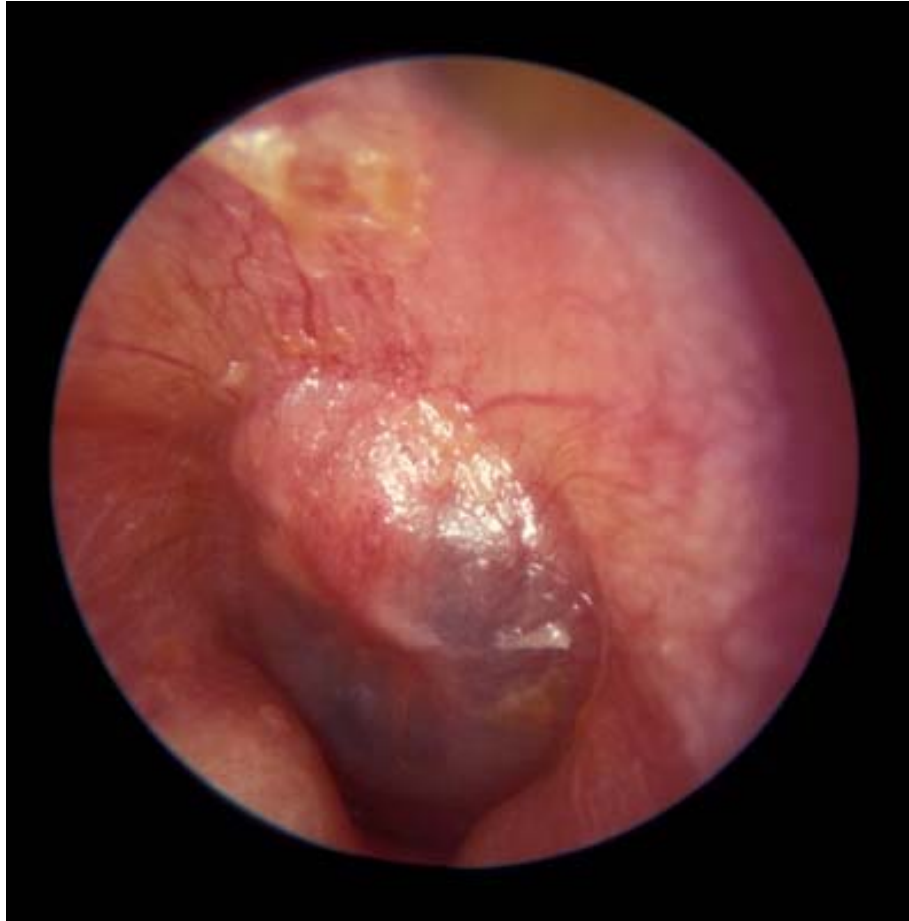
*Temp 38.5*

*L ear: see image*

*Otherwise no other abnormality*

Case Name: Casey Brown

A copy of the patient record summary sheet is attached. *(Provide the history the candidate should have to read before commencing the consult)*



## **FULL SUMMARY**

### **Patient Details**

Name: Casey Brown

D.O.B.: 5 yo

Allergies: amoxicillin - rash

Casey Brown, 5 years old

Review date:

Case Name: Casey Brown

**Family History - nil**

**Current Medications - nil**

**Immunisations - UTD**

**Past Medical History - nil**

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## **SECTION B: This information is given to the examiner/facilitator**

Possible prompts for candidate

What do you think it is doctor?

Does she need antibiotics? What do they help with?

Are there any side effects with antibiotics?

Can she NOT have antibiotics?

Does Casey need any pain relief?

What are the complications of otitis media?

When would you like to see Casey again?

If amoxicillin is prescribed by the doctor – the mother is to say “but she is allergic to amoxicillin”

## SECTION C: This information is given to the examiner/facilitator

Listed below are the key issues to be covered in this case. (*The facilitator/examiner can “tick” these as covered during the consult*)

Diagnosis (*List Differential Diagnosis*)

*Otitis media*

Appropriate management and explanation:

- Not clear cut whether to use antibiotics or not.

Antibiotics for otitis media: need to treat 20 children to prevent 1 child from experiencing pain by 2-7 days.

Resolution of glue ear is unchanged whether antibiotics are used or not.

Antibiotics are associated with a doubling of risk of vomiting or diarrhoea or rash ( 1 in 20 children given antibiotics will experience adverse effects.)

Most children get better in 24 hrs whether treated with antibiotics or not

60 % of children are pain free within 24 hrs.

- The child needs to be given adequate analgesia – e.g. paracetamol. NOT aspirin (potential Reye syndrome)
- Complications: Middle ear effusion, acute mastoiditis, chronic otitis media (>2 months), serous otitis media (glue ear)
  - Rare: labyrinthitis, petrositis, facial paresis, intracranial abscess
- Organise follow up.
  - Check for persistent middle ear effusion. If still present at 6-8 weeks, give 2<sup>nd</sup> course of antibiotics. If persist > 3 months, refer for ENT opinion.
  - Follow up with hearing assessment.
- If antibiotics given: 10 days of amoxicillin ( or amoxicillin/clavulanic acid if resistance suspected) or cefaclor (less effective because of poor middle ear penetration)

Case Name: Casey Brown

This checklist below is a guide to Key Features used by Examiners to assist in clinical case ratings. The lists are not intended to be prescriptive or exhaustive and do not form part of the marking. *(Please place an asterisk next to the Clinical Case Rating Key Features that are most relevant to this case).*

**On completion of the case, the candidate/examiner/group may wish to score themselves as part of a feedback process.**

Place a cross (X) along each line according to the candidate's performance on that item.

Casey Brown, 5 years old

Review date:

## CLINICAL CASE RATINGS KEY FEATURES CHECKLIST

(\*) key feature relevant to this case

Inadequately Covered  
**1**

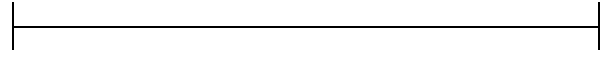
Covered Well  
**10**

1	*	● Communication and Rapport	
2		● Inter-professional Communication	
3		● History taking	
4		● Physical examination	
5		● History and Physical Examination	
6		● Physical Examination Technique	
7	*	● Physical Examination Findings	
8		● Investigations	
9	*	● Diagnosis	
10		● Problem Definition	
11	*	● Medical Knowledge	
12	*	● Public Health Issues	
13	*	● Management	
14		● Procedural Skills	
15		● Ethical and Medico Legal Issues	
16		● Critical Appraisal Skills	
17		●	

Frequently

Not at all

Case Name: Casey Brown



Casey Brown, 5 years old

Review date:

## *Key Features Clinical Case Rating Descriptions*

*Remove those not used*

### 1. Communication and Rapport

**Rate the candidate on their ability to establish rapport and to communicate effectively with the patient in a pleasant, clear and logical manner using appropriate communication skills and language.**

### 2. Inter-professional Communication Skills

Rate the candidate on how well they communicate with other health professionals.

### 3. History taking

**Rate the candidate on their ability to take a relevant and organised history; following appropriate cues and eliciting both positive and negative details important to the assessment and management of the patient.**

### 4. Physical examination

Rate the candidate on their ability to perform an appropriate and systematic examination which is focussed and not overly inclusive. Specific findings relevant to the case should be elicited.

### 5. History and Physical Examination

Rate the candidate on their ability to take a relevant and organised history; following appropriate cues and eliciting details important to the assessment and management of the patient. Also rate the candidate on their ability to perform an appropriate and systematic examination which is focussed and not overly inclusive.

### 6. Physical Examination Technique

Rate the candidate's physical examination technique. Systematic and appropriate examination techniques should be employed and explained to the patient. Candidates should demonstrate respect for the patient and concern for the patient's safety, comfort and modesty. Candidates should wash their hands at the end of the examination.

### 7. Physical Examination Findings

Rate the candidate on their ability to detect physical examination findings accurately and to interpret them correctly.

### 8. Investigations

Rate the candidate on their ability to select relevant, cost-effective investigations in an appropriate sequence, displaying consideration for the safety and comfort of the patient.

### **9. Diagnosis**

Rate the candidate's ability to make an accurate diagnosis based on interpretation of the history, physical examination and investigations.

### **10. Problem Definition**

Rate the candidate on their ability to identify, define and prioritise the physical, psychological and social issues involved for the patient, the family and the community.

### **11. Medical Knowledge**

Rate the candidate's medical knowledge of the physical, psychological and social issues involved in this question.

### **12. Public Health Issues**

Rate the candidate's awareness of, and ability to deal with, the public health and social issues raised by this case.

### **13. Management**

Rate the candidate on their ability to manage the issues raised in this case, both now and in the future. Candidates should offer effective explanations, education and choices to patients, and involve the patient, family and relevant community resources in their immediate and on going management plans. Candidates should demonstrate responsibility for the immediate and ongoing management of the patient.

### **14. Procedural Skills**

Rate the candidate's ability to perform the procedure appropriately and competently with regard for patient safety and comfort.

### **15. Ethical and Medico Legal Issues**

Rate the candidate's ability to deal with the ethical, medico legal and professional issues raised by this case.

### **16. Critical Appraisal Skills**

Rate the candidate on their ability to critically appraise an article and to identify its strength and weaknesses. This may include analysis of statistical data

### **17. Other**

### **18. Prompting**

*To what extent was prompting/probing necessary to assist the candidate?*

*The 6 categories are: Almost continuously (cross on far left), very frequently, frequently, occasionally, minimally, not at all (cross on far right).*

Case Name: Casey Brown

## References and Study Notes:

List any useful references relevant to this case

National prescribing service.  
Murtagh. General Practice



C:\Documents  
and Settings\Kevir

**Embedded File re Otitis Media (double click to view). Alternate weblink below.**

<http://www.health.nsw.gov.au/fcsd/rmc/cib/circulars/2004/cir2004-62.pdf>

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