The area from the eyes down to the lower mandible of the face is a territory shared between the medical and dental professions. The public remain confused as to who they should consult when they develop chronic pain in this area. The care pathway may be very different depending on who they consult. Dentists will refer their patients to dental schools and oral and maxillofacial surgeons, whereas general practitioners will refer to ear, nose and throat (ENT) neurology, or pain medicine. Dental pain is extremely common and it can also co-exist with other conditions. Patients with facial pain will often have other co-morbidities, including depression and chronic pain elsewhere: a biopsychosocial approach is needed for successful management.

The diagnostic criteria for orofacial pains can be found both in the International Association for the Study of Pain (IASP) classification and in the International Headache Classification (to be re-published in 2013); there are some variations between the two classifications. Very few of the criteria for facial pain have been validated by case control studies. From a clinical perspective, it may be most useful to divide chronic pain into those with continuous or episodic pain and then unilateral or bilateral, rather than using the more conventional classifications (e.g. neuropathic and vascular) which are helpful in management (Fig. 1). It must always be remembered that facial pain can be secondary to primary cancer or a metastasis from elsewhere. It is important to attempt a diagnosis as Durham and colleagues have shown that lack of a diagnosis in patients with temporomandibular disorders (TMDs) impacted on sufferers' daily lives.

**Approach to facial pain diagnosis**

**History and examination**

To make an accurate diagnosis it is essential to listen to the history and allow time for the patient to complete their opening statement. The pain history needs to include details on:

- Timing: onset, duration, and periodicity.
- Location and radiation (e.g. within nerve distribution).
- Quality and severity.
- Relieving and aggravating factors (e.g. effect of hot, cold sweet foods, prolonged chewing, eating, brushing of teeth, touching the face, weather, physical activity, posture, stress, and tiredness).
• Associated factors (e.g. taste, salivary flow, clenching, bruxing habits, locking or clicking of jaw joint, altered sensation, nasal, eye, or ear symptoms).
• Other pain conditions (e.g. headaches, migraines, chronic widespread pain, and fibromyalgia).
• Impact of pain (e.g. sleep, mood, concentration, fatigue, beliefs, and quality of life).

As with all chronic pain, psychological assessment, family history (e.g. TMDs have a genetic predisposition), social history, and significant life events need to be determined. It is useful to ascertain the healthcare professionals they have accessed including complementary and alternative medicine practitioners. A full drug history is important and a past and present medical history.

Extraoral examination is confined generally to the head and neck region. Visual inspection will show up any colour changes, swellings, and skin lesions. Palpation of lumps or salivary glands may be indicated in some circumstances. Examination includes the muscles of mastication, head and neck muscles for tenderness and trigger points, muscle hypertrophy, and movement of the temporomandibular joint including crepitus. The cranial nerves need to be examined. Intraoral examination includes the hard tissues and teeth for obvious dental pathology including decay, mobile teeth, excessive wear facets (indicating bruxism), occlusion, ability to open and fixed, and removal appliances. The oral mucosa is examined for soft tissue lesions.

**Investigations**
As pain is subjective, it is useful to use questionnaires to help in assessment and monitoring of effects of therapy. Questionnaires such as the Brief Pain Inventory, Beck Depression Inventory, Hospital Anxiety and Depression Scale, McGill Pain Questionnaire, and Oral Impacts on Daily Performance (OHIP) have all been well validated and are sensitive. Laboratory investigations are not of great importance, except in the potential diagnosis of cranial arteritis and for auto-immune disorders such as Sjogren’s syndrome. Imaging is especially important for dental pain and consists mainly of local X-rays which can be carried out in every dental practice. Dental panoramic tomographs are very useful for bony lesions or cysts and are available in most hospitals but also in larger dental practices (for further details, see e.g. Zakrzewska’s). Salivary gland diseases are best investigated using ultra sound. Magnetic resonance imaging (MRIs) and computerized tomography (CTs) are indicated in some conditions.

**Acute facial pain**
The conditions described in this section are rarely seen in pain clinics as they are relatively easy to diagnose and are effectively managed by the dental profession or general practitioners.5

---

Fig 1 Causes of chronic orofacial pain. *Can be bilateral, **can be unilateral. Types of pain: blue box, neuropathic; red, vascular; purple, musculoskeletal; green, primary headaches; orange, mixed, or unknown.
Dental and oral causes

The majority of dental pain is acute and most are likely to be unilateral and located within the mouth, some very specifically relating to a tooth, but sometimes difficult to localize. The major features are summarized in Table 1. A good light is required to examine the teeth, the attached gingiva and then the soft tissues of the oral mucosa. If any dental causes are identified, patients need to be encouraged to seek early dental care. If they have special needs (i.e. complex medical histories or physical disabilities), they may need to be treated by dentists specializing in special needs. Diseases of the oral mucosa are painful and will be associated with a lesion (e.g. lichen planus, herpes zoster, herpes simplex, recurrent oral ulceration, and Sjogren’s syndrome).

Maxillary sinusitis

Most sinusitis is acute and the chronic form is less likely to be associated with pain. The International Headache Society7 suggests that the diagnostic criteria for all sinusitis is the same—the only difference is location (Table 1). Acute sinusitis is most frequently caused by viruses or bacteria but it can occur after a dental infection or after treatment to upper premolar or molars, especially extractions. Dental surgical procedures can result in an oral antral fistula and patients will complain of oral and nasal discharge. Imaging may indicate the presence of a foreign body in the antrum. The fistula needs to be closed by oral/maxillofacial surgeons and then managed as for any maxillary sinusitis.

Salivary gland disorders

Tumours, duct blockage and subsequent infection of the salivary glands also elicit pain in the trigeminal nerve. Salivary stones are most frequent in the submandibular gland. The pain is intermittent and characteristically occurs just before eating. There may be associated tenderness of the involved salivary gland. Bimanual palpation will enable the stone to be palpated. If it is in the duct then salivary flow from the duct will be slow or absent. Imaging and ultrasound are useful and referral for further management to oral/maxillofacial surgeons is indicated.

Temporomandibular disorders (TMD)

By far the commonest non-dental cause of facial pain are the TMDs. They affect ~5–12% of the population and the peak age is 20–40 yr. Depression, catastrophizing, and other psychological factors increase the risk of chronicity.7 TMDs are also linked with back pain,8 fibromyalgia,9 10 and headaches.11 Schiffman and colleagues12 have put forward criteria for headache secondary to TMD. The large US OPPERA study confirms its complexity and that TMD is not just an isolated facial pain.13–15 Dworkin and colleagues16 published the Research Diagnostic Criteria1 for TMD in 1992 suggesting a dual axis approach, taking into account psychological factors. It has been used as a basis for research internationally. However, it is too complex for routine clinical use and has been modified by others17 and updated (to be published in late 2013) by an international panel in order to be more clinically useful.18 Patients can have more than one diagnosis (e.g. muscle pain with or without disc displacement and limitation in opening).

The commonest form is an acute onset pain often related to prolonged opening (e.g. dental treatment or trauma). Management is reassurance, soft diet, and analgesics. Muscle pain is the commonest cause and often involves both the muscles of mastication and the neck.9 It is important to take a comprehensive history to elicit yellow flags as they often result in chronicity.19

The features of the masticatory form of TMD are given in Table 1. To make the diagnosis, it is crucial to appreciate that palpation needs to induce the same pain reported by the patient. Intra articular disc problems, with or without displacement, result in clicking and, if the disc does not reduce, intermittent locking. Limited opening is defined as <40 mm maximum with assisted opening (distance between the anterior incisors). Degenerative disorders present with marked crepitus (reported by the patient and detected on palpation) and are often not associated with pain. Subluxation problems are mainly found in patients with hypermobility and are associated with deviation of the jaws on opening. Imaging is not required for masticatory problems but can be useful in joint disorders to confirm the clinical findings; however, its use is controversial.20

The aims of management are to decrease pain and functional limitation and improve quality of life. This is done through a wide range of therapies but overall self-management through education needs to be encouraged as improved self-efficacy leads to fewer symptoms.21 Therapies range from diet, splint, physiotherapy, drugs, psychological, and surgical.

RCTs and systematic reviews of treatments have been published.22 23 Many studies suffer from significant bias, but more recent RCTs are of higher quality.22 24 The primary outcome measures in most of the studies were pain; quality of life, daily activities, and psychological status were rarely reported25 26 even though there is good evidence that oral health related quality of life is impaired by TMD.26

The most common form of therapy, carried out by dentists, is the use of a variety of intraoral appliances, mainly worn at night.27 There may be some efficacy for the full coverage stabilization splints whereas others, which do not take into account occlusion, are prone to cause significant adverse events if misused (e.g. movement of teeth and malocclusion).22 25 A recent RCT suggests that, in the longer term, education may be more beneficial than splints.28 Acupuncture is of limited long-term benefit29 30 and there is insufficient evidence to support the use of low level laser therapy.31 32 There is currently some evidence for the effectiveness of cognitive behaviour therapy (CBT)33 and physiotherapy.34 35

A Cochrane systematic review found 11 poor-quality studies on pharmacological therapy and there is inconclusive evidence for analgesics, benzodiazepines, anticonvulsants,
<table>
<thead>
<tr>
<th>Disorder</th>
<th>Location radiation</th>
<th>Timing</th>
<th>Quality severity</th>
<th>Aggravating factors</th>
<th>Associated factors</th>
<th>Examination</th>
<th>Investigations</th>
<th>Management</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DENTAL/ORAL causes</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Dental caries</td>
<td>Local tooth</td>
<td>Intermittent, length of stimuli</td>
<td>Dull, moderate</td>
<td>Hot, cold, sweet foods</td>
<td>Decay visible old fillings</td>
<td>May require intraoral X-ray</td>
<td>Removal caries, filling dentist</td>
<td></td>
</tr>
<tr>
<td>Pulpal reversible</td>
<td>Local tooth</td>
<td>Intermittent seconds to minutes</td>
<td>Sharp, throbbing, severe</td>
<td>Cold, hot, sweet foods</td>
<td>Tender to percussion, caries</td>
<td>Apical intraoral X-ray</td>
<td>Endodontics or extraction</td>
<td></td>
</tr>
<tr>
<td>Pulpal irreversible</td>
<td>Difficult to localize</td>
<td>Intermittent several hours</td>
<td>Sharp, throbbing, moderate severity</td>
<td>Cold, hot, sweet foods, lying supine</td>
<td>Tender to percussion, caries, may be gingival swelling</td>
<td>Apical intraoral X-ray</td>
<td>Endodontics or extraction</td>
<td></td>
</tr>
<tr>
<td>Dental sensitivity</td>
<td>Local affected teeth</td>
<td>Intermittent seconds to minutes</td>
<td>Sharp, moderate</td>
<td>Especially cold foods, air</td>
<td>Receded gingiva</td>
<td>Nil</td>
<td>Brushing advice, varnishes, topical fluoride</td>
<td></td>
</tr>
<tr>
<td>Periodontal disorders</td>
<td>Local teeth</td>
<td>Intermittent hours</td>
<td>Aching, dull low intensity</td>
<td>Eating</td>
<td>Mobile teeth, gingiva erythematous, pocketing, may have discharge from pocket</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pericoronitis</td>
<td>Partially erupted tooth most commonly wisdom</td>
<td>Continuous</td>
<td>Aching, throbbing moderate to severe</td>
<td>Biting</td>
<td>Lymphadenopathy, malaise, fever, trismus</td>
<td>Tender glands, impacted tooth with redness, often upper wisdom tooth</td>
<td>Debridement, hot salt mouthwashes, antibiotics if systemic manifestations, extraction upper wisdom tooth initially</td>
<td></td>
</tr>
<tr>
<td>Premature contact</td>
<td>Recently restored tooth but can radiate to local ones</td>
<td>Intermittent on stimulation</td>
<td>Initially sharp, later dull</td>
<td>Biting</td>
<td>History of recent fillings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cracked tooth</td>
<td>Tooth but difficult to localize</td>
<td>Intermittent seconds to minutes</td>
<td>Sharp, sometimes dull, moderate severity</td>
<td>Eating, biting</td>
<td>Often difficult to see crack, sometimes biting on cotton wool roll will elicit pain</td>
<td>X-rays not always effective, may require use of dye</td>
<td>Dependant on location may need extraction</td>
<td></td>
</tr>
<tr>
<td>Alveolar osteitis (dry socket)</td>
<td>Local tooth socket</td>
<td>Continuous 4–5 days post extraction</td>
<td>Sharp deep ache</td>
<td>None</td>
<td>Halitosis</td>
<td>Loss of clot, exposed bone</td>
<td>Nil</td>
<td>Irrigation if persistent antibiotic - metronidazole</td>
</tr>
<tr>
<td>Maxillary sinusitis</td>
<td>Over maxillary sinus unilateral or bilateral often intraoral upper quadrant</td>
<td>Continuous</td>
<td>Dull, aching, boring, mild to moderate</td>
<td>Bending</td>
<td>Nasal discharge, history of either respiratory infection or dental treatment</td>
<td>Upper posterior teeth tender to percussion, tender over maxillary sinus</td>
<td>Occipito mental if X-ray necessary</td>
<td></td>
</tr>
</tbody>
</table>

**Table 1** Dental and musculoskeletal characteristics of facial pain
and other miscellaneous drugs. An open-label study of amitriptyline showed some benefit whereas no benefit was noted in an RCT of Botulinum Toxin.

If there is a functional element (e.g. crepitus, limitation in movement), surgical therapies may be useful. The least invasive is arthrocentesis, a form of lavage performed under local anaesthesia but results are not maintained. Arthroscopy is a more invasive procedure performed under general anaesthesia and allows more exploration. It can be taken a stage further to perform open surgery on the joint; this may increase functionality but relapses are common.

A proposed management pathway for TMD is summarized in Table 1.

### Neuropathic pain

Neuropathic pain often presents on the face in the territory of the trigeminal nerve (see Table 2).

#### Trigeminal post herpetic neuralgia

Trigeminal post-herpetic neuralgia (PHN) has the same clinical features as other neuralgias presenting elsewhere; management should follow guidelines for neuropathic pain (e.g. O'Connor and Dworkin).

#### Post traumatic trigeminal pain/trigeminal neuropathic pain/atypical odontalgia

It is being increasingly recognized that it is not just injuries such as trauma to the facial skeleton that can result in neuropathic pain of the trigeminal nerve but also various dental procedures ranging from root canal therapy and extractions to dental implants. Diagnostic criteria are being proposed. In cases of dentally induced injuries, there is often a history of poor analgesia at the time of the procedure when the symptoms often start. In other instances, no clear trauma can be identified and yet the pain is very clearly localized in the dental area; this has been called atypical odontalgia. Currently, management is as for other neuropathic pain but there is a high percentage of failures.

#### Burning mouth syndrome

Burning mouth syndrome (BMS) is a rare chronic condition characterized by burning of the tongue and other parts of the oral mucosa in which no dental or medical causes are found. It is seen predominantly in peri- and post-menopausal women. This condition is most commonly seen by the dental profession and the oral mucosa is normal in appearance (Table 2). Neurophysiological testing, biopsies and functional MRI suggest that it is a disorder of peripheral nerve fibres with central brain changes. The prognosis is poor with only a small number resolving fully; however, patients can be reassured that it will not get worse and this is often crucial. Secondary causes of BMS (local and systemic) include oral candidiasis, mucosal lesions, haematological disorders, auto-immune disorders, and pharmacological side-effects.
<table>
<thead>
<tr>
<th>Disorder</th>
<th>Location radiation</th>
<th>Timing</th>
<th>Quality severity</th>
<th>Aggravating factors</th>
<th>Associated factors</th>
<th>Examination</th>
<th>Investigations</th>
<th>Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post herpetic neuralgia</td>
<td>Site of herpes zoster extraoral and intraoral</td>
<td>Continuous</td>
<td>Burning, tingling, itchy, tender, can be sharp at times moderate to severe</td>
<td>Light touch, eating</td>
<td>Allodynia, hyperalgesia</td>
<td>Nil</td>
<td>Neuropathic pain medications</td>
<td></td>
</tr>
<tr>
<td>Post traumatic trigeminal pain/trigeminal neuropathic</td>
<td>Trigeminal area at site of injury</td>
<td>Continuous within 3–6 months of trauma</td>
<td>Burning, tingling, can be sharp at times very severe</td>
<td>Variety of triggers including touch, thermal, mechanical</td>
<td>History of dental procedure or trauma</td>
<td>Allodynia, or other sensory changes</td>
<td>Qualitative sensory testing</td>
<td>Neuropathic pain medications</td>
</tr>
<tr>
<td>Atypical odontalgia/persistent dentoalveolar pain</td>
<td>Localized to tooth or tooth bearing area</td>
<td>Continuous</td>
<td>Aching, dull, throbbing, sometimes sharp, mild to moderate severity</td>
<td>Sometimes touch</td>
<td>Nil</td>
<td>Nil</td>
<td>Exclude other causes</td>
<td>Reassurance, education, CBT, possibly drugs for neuropathic pain</td>
</tr>
<tr>
<td>Burning mouth syndrome</td>
<td>Tongue most commonly bilateral especially tip, lips, palate, buccal mucosa</td>
<td>Continuous in most instances</td>
<td>Burning, stinging, itchy sore, mild to severe</td>
<td>Sometimes eating aggravates, in others relieves</td>
<td>Dry mouth, abnormal taste, often depression, poor quality of life</td>
<td>Nil</td>
<td>MRI</td>
<td>Anticonvulsants, surgery</td>
</tr>
<tr>
<td>Trigeminal neuralgia</td>
<td>Unilateral trigeminal nerve most common second and third divisions extraoral and intraoral</td>
<td>Paroxysmal attacks of 2 s to minutes, refractory period between attacks, 10–30 attacks daily, may remit for weeks, months. Other types can have a longer pain that can last for hours</td>
<td>Sharp, shooting electric shock like, frightful, but in some aching, burning after pain, moderate to very severe</td>
<td>Light touch washing, cold wind, eating, brushing teeth, many attacks are evoked but some can be spontaneous</td>
<td>Fear if severe depression</td>
<td>Light touch evoked pain, rarely sensory changes</td>
<td>MRI</td>
<td>Anticonvulsants, surgery</td>
</tr>
<tr>
<td>Glossopharyngeal neuralgia</td>
<td>Unilateral deep in the ear and or back of tongue, tonsils, neck</td>
<td>Paroxysmal attacks of 2 s to minutes, recurrent throughout day, may remit for weeks, months</td>
<td>Sharp, shooting electric shock like, frightful, moderate to very severe</td>
<td>Swallowing, coughing, touch ear</td>
<td>Syncope rarely</td>
<td>Light touch provoked</td>
<td>MRI</td>
<td>Anticonvulsants, surgery</td>
</tr>
<tr>
<td>Short unilateral neuralgiform pain with autonomic features (SUNA)/ SUNCT conjunctival injection and tearing</td>
<td>Unilateral mainly first and second division trigeminal nerve</td>
<td>Rapid attacks lasting seconds to several minutes, up to 200 attacks daily, no refractory period between attacks rare for remission periods</td>
<td>Sharp, stabbing, moderate to severe</td>
<td>Mostly spontaneous, some light touch evoked</td>
<td>Tearing, red eye, eye oedema, rhinorrhoea, or blockage, redness cheek, ear fullness</td>
<td>During an attack may see some of the autonemics</td>
<td>MRI including pituitary fossa</td>
<td>Lamotrigine</td>
</tr>
</tbody>
</table>
RCTs with respect to BMS are often of poor quality.\textsuperscript{51} CBT may be effective.\textsuperscript{52} There have been several RCTs evaluating the role of alpha lipoic acid (antioxidant), but the evidence is conflicting.\textsuperscript{53–57} One study combining alpha lipoic acid with gabapentin 300 mg reported the best outcome.\textsuperscript{58} Topical clozazepam and capsaicin were shown to have some effect in a single short-term trial.\textsuperscript{59} Systemic capsaicin for 1 month gave good results but resulted in significant gastric problems.\textsuperscript{60} Topical benzydamine,\textsuperscript{61} trazadone,\textsuperscript{62} hypericum perforatum,\textsuperscript{63} and lafutidine\textsuperscript{64} have all been shown to have limited efficacy.

### Trigeminal neuralgia and its variants

Trigeminal neuralgia is defined by the IASP as ‘a sudden usually unilateral severe brief stabbing recurrent episodes of pain in the distribution of one or more branches of the trigeminal nerve’; it has a profound effect on quality of life.\textsuperscript{1} Although rare, it is the most frequent diagnosis proposed for unilateral episodic pain. Its clinical features are given in Table 2. In rare cases, trigeminal neuralgia is symptomatic of other conditions (e.g. tumours, mostly benign), multiple sclerosis. There is an increasing literature describing variants of trigeminal neuralgia termed type 2,\textsuperscript{65} and/or trigeminal neuralgia with concomitant pain.\textsuperscript{66} In these cases, there is more prolonged pain in between the sharp shooting attacks. In the classical types, the most common cause is neurovascular compression of the trigeminal nerve in or around the route entry zone whereas Type 2 may be of more central origin.\textsuperscript{66}

International guidelines and Cochrane reviews suggest that carbamazepine remains the primary drug of choice but oxcarbazepine is equally effective with fewer side-effects.\textsuperscript{67–70} Other drugs for which there is some evidence include lamotrigine and baclofen. Also, there has been a RCT of gabapentin combined with ropivicaine\textsuperscript{71} and a long-term cohort study of pregablin\textsuperscript{72} suggesting efficacy. However, in many patients, side-effects become intolerable or pain control becomes sub-optimal; in these cases, surgical interventions are considered. It is important that a neurosurgical opinion is obtained at an early stage. There are very few randomized control trials of surgery.\textsuperscript{73} The only non-ablative (destructive) procedure is that of microvascular decompression; however, this is a major neurosurgical procedure in which access is gained to the posterior fossa in order to identify and remove a vascular compression of the trigeminal nerve. The nerve remains intact and so it is rare to get complications related to the trigeminal nerve, although 2–4% may suffer from hearing loss and, as with any major procedure, there is a 0.4% mortality. The chance of being pain free at 10 yr is 70%.\textsuperscript{74} Other peripheral ablative procedures are available (e.g. neurectomy, cryotherapy, Gasserian ganglion (e.g. radiofrequency thermocoagulation, glycerol rhizotomy, balloon compression), and posterior fossa level (e.g. rhizotomy, Gamma Knife)). All destroy to a greater or lesser extent the sensory fibres of the trigeminal nerve and hence result in varying degrees of sensory loss. These procedures
result in an ~50% chance of being pain free at 4 yr. Quality of life can be markedly improved provided there are no complications.

Glossopharyngeal neuralgia

Glossopharyngeal neuralgia has the same characteristics as trigeminal neuralgia except for location (Table 2). Pain can be experienced in the ear only and therefore confused with TMD; it may also be confused to the posterior part of the tongue. In rare cases, it can be associated with syncope because of anatomical proximity to the vagus. Management is the same as for trigeminal neuralgia. Microvascular decompression can be performed but is more difficult technically; there are very few reports of this.75

Trigeminal autonomic cephalalgias

Trigeminal autonomic cephalalgias are a group of unilateral episodic pains, some of which can easily be mistaken for trigeminal neuralgia. These include: short unilateral neuralgiform pain with conjunctival injection, tearing, and redness (SUNCT); and short unilateral neuralgiform pain with cranial autonomic features (SUNA) (e.g. unilateral tearing, miosis, sweating, nasal blockage or rhinorhoea, and ear fullness).76 The aetiology may be different from trigeminal neuralgia which may account for poorer outcomes after surgery.77 There are currently no RCTs or even large cohort data on the management of SUNA/SUNCT but treatments with anti-convulsants such as lamotrigine can be effective.78

Vascular causes

It is essential to consider giant cell arteritis in any patient over the age of 50 who presents with pain in the temporal region which may mimic TMD as this can result in blindness if not rapidly treated. ESR and C reactive protein are typically raised and referral for biopsy should be requested urgently so that treatment with systemic steroids can be commenced.79 Post-stroke pain can affect part or the whole of the face and its characteristics are described in Table 2. Management is along the same principles as neuropathic pain.80

Persistent idiopathic facial pain PIFP (atypical facial pain)

When patients present with symptoms that do not fulfil any criteria currently available, then a diagnosis of persistent idiopathic facial pain (atypical facial pain) is made; the symptoms are described in Table 2. There is often a history of other chronic pain, poor coping skills, and mood disturbance. Management includes use of antidepressants often combined with cognitive behaviour therapy. It is important for the patient's pain to be acknowledged as real.81 82

Declaration of interest

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