



# The funded brand of lamotrigine is changing

Changes in funded brands of antiepileptic medicines can lead to concern from patients or caregivers that the medicine they are receiving is not the same and may not be as effective. Counselling in general practices and pharmacies is imperative to talk through any concerns patients may have about changing brands of medicines and to provide reassurance that although their tablets may look different, they are still receiving the same medicine.

## KEY PRACTICE POINTS:

- Three brands of lamotrigine (Lamictal, Arrow-Lamotrigine and Logem) are currently funded in 25 mg, 50 mg and 100 mg tablet strengths
- From 1 October, 2019, only one brand of lamotrigine in these tablet strengths will be funded: Logem. Patients prescribed other brands will need to change to Logem; this can be done from now.
- In addition, from 1 October all dispensings of lamotrigine will be three months stat (unless otherwise specified by the prescriber) so that patients can access their medicines with fewer visits to the pharmacy
- Lamotrigine is also funded in 2 mg (Lamictal) and 5 mg (Lamictal, Arrow-Lamotrigine) formulations; funding arrangements for these tablet strengths will remain the same
- Patients or caregivers require information and reassurance during a brand change as differences in the appearance of medicines may result in confusion, reduced adherence or concerns about effectiveness.
- If an additional consultation is required to assist patients with the brand change, general practices can invoice PHARMAC for the usual patient co-payment fee, so the consultation is at no cost to the patient (invoices must be received by 31 December, 2019)
- In exceptional circumstances\*, clinicians can apply to PHARMAC for a patient to continue funded use of an alternative brand of lamotrigine

\* Exceptional circumstances criteria widened 15/11/9

N.B. This article has been distributed to primary healthcare professionals, and specialist interest groups in New Zealand (paediatric, neurology and psychology groups)

## Lamotrigine is used for the treatment of epilepsy and some mood disorders

Lamotrigine is an antiepileptic medicine used in the treatment of patients with focal, generalised or absence seizures.<sup>1</sup> In addition, it may be used in the management of some patients with bipolar disorder.<sup>2</sup>

### Funding arrangements are changing

There are currently three funded brands of lamotrigine in 25 mg, 50 mg and 100 mg dispersible tablets:

- Lamictal (innovator branded medicine)
- Arrow-Lamotrigine (generic branded medicine)
- Logem (generic branded medicine)

These brands have been available fully funded without restriction for over ten years (Table 1).<sup>3</sup> Two other brands, Motrig and Mogine, have also been funded and delisted within this timeframe.<sup>3</sup>

From 1 October, 2019, funding for two of these brands will cease and Logem will be the only funded brand of lamotrigine in these formulations.<sup>4</sup> Therefore patients currently prescribed other brands will need to change to Logem; this can be done anytime from now, when the patient is ready to change and a new prescription is due to be dispensed (prescriptions dispensed after 1 October will be for Logem).

In addition, from 1 October, 2019 lamotrigine will be dispensed as three months' supply stat to reduce the number of visits patients need to make to a pharmacy; if this is not an appropriate arrangement for a particular patient, prescribers can indicate a more frequent dispensing interval.<sup>4</sup>

Lamotrigine is also available in 2 mg (Lamictal) and 5 mg (Lamictal or Arrow-Lamotrigine) dispersible tablets and funding arrangements and brands for these formulations will remain unchanged.<sup>4</sup>

Dispensing data show there are approximately 12,500 patients dispensed lamotrigine tablets.<sup>5</sup> Approximately 11,000 of these patients are dispensed Lamictal or Arrow-Lamotrigine and will need to be changed to Logem.<sup>5</sup>

### Many patients have already been changing brands

Dispensing data show that approximately half of patients dispensed lamotrigine have changed brands at some point, approximately one in three have changed brands two or more times and one in ten have changed brands six or more times.<sup>5,7</sup>

Dispensing data is unable to reveal the reasons for brand change, i.e. whether a prescriber purposely intended for a patient to change brands, or whether patients were appropriately given a prescription using the generic medicine name, i.e. lamotrigine, and they were dispensed an alternative brand at the pharmacy, e.g. due to attending a different pharmacy or due to available stock. However, these data illustrate that many patients have been changing between the available funded brands, with no specific safety issues identified. Changes in pill appearance are associated with reduced adherence.<sup>8,9</sup> Therefore, changing brands frequently may affect adherence and a single funded brand can reduce the potential for this to happen.

### The evidence behind the decision to change brands

One of the key considerations for a brand change involving an antiepileptic medicine is the likelihood of this affecting seizure control or mood stabilisation. The occurrence of seizures in epilepsy or alteration of mood control in bipolar disorder can substantially impact the quality of life of patients and their families and caregivers. Factors which could contribute to this, such as a change in treatment regimen, can cause understandable concern.

Some studies have reported variations in seizure control in patients with epilepsy who change between different brands of medicine.<sup>10, 11</sup> However, this has not been observed in all studies and the risks of changing differ between antiepileptic medicines.<sup>12</sup> In the United Kingdom, the Medicines and Healthcare Products Regulatory Agency (MHRA) proposed a classification system to help clinicians and pharmacists make appropriate decisions when considering whether a patient could change brands (see: "The MHRA classification system").<sup>12</sup> Under this classification system, there was no clear evidence

**Table 1:** Currently funded brands of lamotrigine<sup>3, 6</sup>

Brand	Date of Medsafe approval	Funded without restriction since	New Zealand sponsor or distributor
Lamictal (innovator)	Dec 1995	July 2007 *	GlaxoSmithKline (NZ) Ltd
Arrow-Lamotrigine (generic)	July 2006	Feb 2007	Teva Pharma (New Zealand) Ltd
Logem (generic)	Sept 2006	June 2008	Mylan New Zealand Ltd

\* Funded with Special Authority approval prior to this date

at the time of assessment to place lamotrigine into either a category of medicines for which there are clear differences in efficacy between brands or a category of medicines for which the potential for these differences is low.

On 7 February, 2019, as part of the process for the proposed funding changes, the Neurological and Mental Health Subcommittees of the Pharmaceutical and Therapeutics Advisory Committee (PTAC) for PHARMAC held a joint meeting to discuss the evidence and consider the feedback from the sector (see: “The clinical expert advisory assessment of lamotrigine brand changing”). The clinical advisory groups recommended that changes between approved formulations of lamotrigine produced by different manufacturers would be unlikely to result in problems for patients with epilepsy or mood disorders.<sup>7</sup> The Subcommittees recommended that a change in the funded brand of lamotrigine should proceed, with appropriate support and reassurance provided to patients during the transition.<sup>7</sup>

## MHRA classification system

Classification system for antiepileptic medicines and brand changing proposed by the Commission on Human Medicines, United Kingdom, in 2013 and revised in 2017.<sup>12</sup>

Proposed category	Description	Funded antiepileptic medicines included in this category
<b>Category 1</b>	Antiepileptic medicines with clear evidence of differences in efficacy between brands.	Carbamazepine Phenobarbital Phenytoin Primidone
<b>Category 2</b>	Antiepileptic medicines which do not clearly fit into either of the other two categories based on evidence available at the time of assessment	Clobazam Clonazepam Lamotrigine Sodium valproate Topiramate
<b>Category 3</b>	Antiepileptic medicines where the potential for clinically relevant differences between brands to exist was low	Ethosuximide Gabapentin Lacosamide Levetiracetam Pregabalin Vigabatrin

 For further information on the MHRA classification system, see: [www.gov.uk/drug-safety-update/antiepileptic-drugs-updated-advice-on-switching-between-different-manufacturers-products](http://www.gov.uk/drug-safety-update/antiepileptic-drugs-updated-advice-on-switching-between-different-manufacturers-products)

## Changing patients to another brand of lamotrigine

### Discuss the brand change and address questions and concerns

Brand changes for antiepileptic medicines can be a cause of apprehension or concern for parents or caregivers. The change in brand of lamotrigine should be discussed before issuing a prescription. A survey conducted by the Epilepsy Society in the United Kingdom in 2014 found that three-quarters of patients experienced emotions such as confusion, anxiety, worry or anger when changing to another brand of medicine.<sup>\*26</sup> In addition, four out of ten patients were not aware they had been given a different brand until after they left the pharmacy. Although it is not clear how relevant these findings are to patients in New Zealand, they highlight the need for prior discussions and clear communication before providing patients with a different brand than they are usually prescribed or dispensed.

If the patient does not wish to change brands, they can enquire with their local pharmacy as to the cost of remaining on their preferred brand, or they may qualify for Exceptional Circumstances funding (see: In exceptional circumstances patients may continue with funded access to other brands).

\* It is possible that some patients in this survey were changed to a different medicine, rather than a different brand of the same medicine

### Is it safe to change brands?

Patients and caregivers can be reassured that the evidence has been thoroughly reviewed and concerns discussed extensively by the PTAC Subcommittees who concluded that there was no pharmacological reason to suggest there would be a clinical problem from changing brands of lamotrigine for the majority of patients with epilepsy or mental health conditions.<sup>7</sup>

### Will the new brand be just as good?

Some patients or caregivers may worry that the formulation they are receiving will not be as safe or effective as their current brand, e.g. it's a “cheap alternative”.<sup>16</sup> Patients or caregivers can be reassured that the different brands of lamotrigine have been assessed as bioequivalent (see: “Bioequivalence studies of lamotrigine”), and Logem has been used in New Zealand for over ten years. There may be some differences in tablet excipients between brands, but this does not alter the clinical effect.

### Is it ok for my child to change brands?

There is no published evidence about changing brands of lamotrigine in children. Three recent clinical trials concluded that different brands of lamotrigine are bioequivalent in adults with epilepsy (see: “Bioequivalence studies of lamotrigine”).<sup>17-19</sup> There are no known reasons why these medicines would not also be bioequivalent in patients aged under 18 years

## The clinical expert advisory assessment of lamotrigine brand changing

On 29 August, 2018, PHARMAC released a proposal to move from three funded brands of lamotrigine to one funded brand.<sup>13</sup> A number of submissions were received providing support, feedback, concerns and suggestions, including from Medsafe, healthcare professionals, consumers and consumer groups, and pharmaceutical suppliers.<sup>14</sup>

Many healthcare professional respondents were broadly supportive of the proposed changes. Concerns regarding potential differences in effectiveness, possible changes in seizure control or in the stability of mood disorders and the provision of adequate support for patients during the transition were raised in some submissions.<sup>7, 15</sup> Some of these concerns were later emphasised in media coverage and wider publicity.<sup>16</sup>

### Changing brands of lamotrigine is unlikely to affect the health of patients with epilepsy or mood disorders

Following the proposal and submissions, a clinical expert advisory group consisting of the Neurological and Mental Health Subcommittees of the Pharmaceutical and Therapeutics Advisory Committee (PTAC) met on 7 February, 2019. At this meeting, the Subcommittees discussed feedback regarding the proposed funding changes, reviewed publications forwarded to PHARMAC in response to the proposal and conducted a review of evidence regarding the clinical effects of changing lamotrigine brands, updating a previous review conducted by the Neurological Subcommittee in November, 2015.<sup>7</sup> During this review the Subcommittees considered over 50 publications related to the effectiveness of different brands of antiepileptic medicines, the effects of changing brands of antiepileptic medicines (either from the innovator brand to a generic brand, vice versa, or between different generic brands) and the bioequivalence of different brands of antiepileptic medicines.

On the basis of the evidence discussed at this meeting, summarised below, the PTAC Subcommittees recommended that changes between approved formulations of lamotrigine produced by different manufacturers would be unlikely to result in problems for the majority of patients with epilepsy or mood disorders.<sup>7</sup> In addition, the new funding arrangements would stop inadvertent changing between the three funded brands that is occurring at present, which could cause confusion or reduced adherence for patients due to unplanned alternations in the appearance of their medicine.<sup>7</sup> The

Subcommittees recommended that a change in the funded brand of lamotrigine should proceed, with appropriate support and reassurance provided to patients during the transition.<sup>7</sup>

Key factors considered by the Neurological and Mental Health Subcommittees of the PTAC include:<sup>7</sup>

- Three recent clinical trials, funded by the Food and Drug Administration of the United States (FDA), reported that different brands of lamotrigine are bioequivalent in adult patients with epilepsy (see: "Bioequivalence studies of lamotrigine").<sup>17-19</sup> There are no known reasons why these medicines would not also be bioequivalent in patients aged under 18 years with epilepsy.
- Many patients are already changing brands of lamotrigine; approximately half of all patients dispensed lamotrigine in 2018 have previously changed brands (see: "Many patients are already changing brands"). PHARMAC have not been informed of any significant clinical impacts for these patients when they changed brands, and reports to the Centre for Adverse Reactions Monitoring (CARM) have not identified ongoing problems from brand changes.<sup>20</sup>
- Research examining health outcomes for patients in New Zealand who have changed lamotrigine brands has not identified any differences in rates of emergency department visits, hospital admissions or appointments in secondary care.<sup>21</sup> Comparable studies conducted overseas have reported similar results.<sup>10, 22, 23</sup>
- Some patients may have a recurrence of seizures after changing brands of antiepileptic medicine, however, determining whether this is association or causation is extremely difficult. Studies have reported that between 7–22% of patients who are seizure free for two years or more experience a relapse even when continuing on the same medicine regimen.<sup>24, 25</sup>

 Further details are publicly available in the Neurological and Mental Health Subcommittees' minutes: [www.pharmac.govt.nz/assets/ptac-neurological-and-mental-health-subcommittee-lamotrigine-minute-2019-02-.pdf](http://www.pharmac.govt.nz/assets/ptac-neurological-and-mental-health-subcommittee-lamotrigine-minute-2019-02-.pdf)

with epilepsy. Therefore, the PTAC Subcommittees did not recommend an exemption for children from the brand change. If there are concerns around epilepsy control with brand change in a particular child, this can be discussed with a paediatrician or neurologist.

### Can I combine brands?

Patients who are currently taking a regimen involving a combination of lower (e.g. 2 mg or 5 mg) and higher (e.g. 25 mg) strength lamotrigine will need to combine two different brands from 1 October, when Logem becomes the sole funded brand for higher strength tablets (lower strength formulations are Lamictal or Arrow-Lamotrigine brands). Patients or caregivers can be reassured that the different brands of lamotrigine have been assessed as bioequivalent, and there are no known issues with taking a regimen including two different brands of lamotrigine.

### Will I notice any difference when I change brands?

Generic medicines are designated as bioequivalent and contain the same dose of active ingredient, however, it is possible that

some patients may absorb a slightly lower or higher amount of medicine when they change to a different brand due to slight differences in bioavailability which are within the accepted margin of error. Although unlikely, this could result in clinical symptoms (see: "Patient follow up"). If a patient is going to experience any symptoms as a result of the brand change, expert opinion is that these will almost certainly occur within the first eight weeks following the change. Therefore, reassure patients that they will receive support and follow-up after changing their brand to ensure they are not experiencing any difficulties.

The nocebo effect is when patients experience symptoms that are caused by anticipating adverse effects rather than actual adverse effects of a medicine. This can be influenced by extensive media coverage of an issue or discussion on social media, as well as by the language that a health professional uses when discussing symptoms and signs to be aware of.

 The nocebo effect is discussed in more detail here: [www.bpac.org.nz/2019/nocebo.aspx](http://www.bpac.org.nz/2019/nocebo.aspx)

## Bioequivalence studies of lamotrigine

For a generic medicine to be approved for therapeutic use, manufacturers must present clinical evidence to Medsafe to demonstrate that the medicine is bioequivalent to the originator brand of medicine or a suitable alternative, known as the reference medicine.

Bioequivalence studies measure aspects of absorption and blood levels of the active ingredient including the area under the curve (AUC), which reflects the extent and duration of exposure to the active ingredient, and the maximum plasma concentration ( $C_{max}$ ).<sup>27</sup> For each of these, if the 90% confidence interval for the ratio of the generic and reference medicines is within 80–125%, then the medicines are considered to be bioequivalent.<sup>27</sup> The range of 80–125% for medicines to be accepted as bioequivalent is the international standard, used by Medsafe and international regulatory authorities such as the United States FDA, the European Medicines Agency and the Therapeutic Goods Administration of Australia.<sup>28, 29</sup> This range accounts for statistical error that is considered to be clinically insignificant.<sup>27</sup> The actual differences in exposure to the active ingredient between generic and reference medicines is typically less than 5%.<sup>27</sup> Six different generic versions of lamotrigine have been approved for use in New Zealand by Medsafe on the basis of bioequivalence studies.<sup>6</sup>

Typically, bioequivalence studies are conducted in healthy patients. One concern which had been raised in relation to antiepileptic medicines was whether results in healthy patients accurately reflect absorption in patients with epilepsy.<sup>17</sup> To address these concerns, three recent double-blind clinical trials were funded by the FDA in order to assess the bioequivalence of lamotrigine in patients with epilepsy. Each study reported that generic and innovator (Lamictal) formulations of lamotrigine were bioequivalent in patients with epilepsy.<sup>17, 18, 30</sup> In addition, these studies included patients who had previously experienced exacerbations of seizures after changing formulations of antiepileptic medicines, as well as patients who were also taking medicines which induce hepatic enzymes involved in the metabolism of lamotrigine.<sup>18</sup> No particular concerns regarding bioequivalence in these patients were identified.

 Further information on bioequivalence studies and the approval process for generic medicines is available at:

- <https://medsafe.govt.nz/profs/PUArticles/Mar2013GenericMedBioequivalence.htm>
- <https://www.medsafe.govt.nz/profs/PUArticles/September2017/TheMedsafeFiles4NMAssessment.htm>

### **If I have a seizure, was it because of the brand change?**

One of the key dilemmas when changing patients with epilepsy to another brand of medicine is that if seizures occur it is difficult to determine whether a change in brand is the cause of their altered seizure control. Any seizure activity following brand change is unlikely to be because of the change, but it cannot be ruled out. Expert opinion is that seizure activity more than eight weeks following the change will not be as a result of the change. Some patients with epilepsy are likely to have seizures regardless of which formulation of medicine they are prescribed and there are many other factors which may affect seizure control, e.g. medicine adherence.

### **Will the brand change affect my driver licence?**

For people with epilepsy who drive, it is not necessary to notify the New Zealand Transport Authority (NZTA) if they change brands of lamotrigine. The NZTA have stated that they do not regard this as a change in treatment for the purposes of a person's fitness to drive, and consider the risk of problems from changing brands of lamotrigine to be extremely low.<sup>7</sup> Nevertheless, if clinicians or patients have concerns about seizure control during a brand change due to their previous seizure history or other factors, the NZTA recommends that patients consider voluntarily avoiding driving for eight weeks. If a patient has a seizure within the first eight weeks of a medicine brand change, application can be made to NZTA for consideration of a six-month stand down period instead of the standard 12 months.

 For further information, see: [www.nzta.govt.nz](http://www.nzta.govt.nz) and search with "Epilepsy October 2019"

### **Advice at the pharmacy**

When a brand change is implemented, pharmacists should check that patients are aware they are being dispensed a different brand than the medicine they may be used to, and address any questions or concerns. Discussion about an upcoming brand change is also useful to prepare patients for the change that will need to occur when their current brand is no longer funded. Keep in mind the sensitive nature of discussing changes to a patient's medicines and offer them the option of talking in private.

### **Patients may notice a difference in the shape of their tablets**

When a different brand is dispensed, pharmacists can show the patient what their new medicine looks like and emphasise that the active ingredient remains the same. The three currently funded brands of lamotrigine have a similar appearance, size and flavouring, with tablet shape being the main difference between brands (Table 3). Evidence suggests that changes in the appearance of a medicine may influence adherence,<sup>8, 31</sup>

therefore this is a crucial time to ensure that patients are aware of the brand change and to address any potential issues.

 A patient information sheet with photos of the different tablet strengths from each brand is available at: [www.pharmac.govt.nz/assets/2019-lamotrigine-brand-change-pamphlet-english.pdf](http://www.pharmac.govt.nz/assets/2019-lamotrigine-brand-change-pamphlet-english.pdf)

### **Patient follow-up**

Patients should be followed up after changing from Lamictal or Arrow-Lamotrigine branded tablets to Logem to check on medicine adherence and whether patients or caregivers have any concerns regarding the alteration in medicine regimen.

If clinical symptoms and signs have emerged since the brand change, consider whether they could be caused by small differences in absorption of medicine with the new brand, or whether other factors could explain the occurrence, e.g. usual variation in the patient's clinical condition, changes in the patient's environment or daily activities, anxiety about the brand change and anticipation of symptoms.

### **Symptoms which could indicate that patients are absorbing an increased dose of lamotrigine include:<sup>7</sup>**

- Headache
- Nausea
- Tremor
- Dizziness
- Irritability
- Blurred vision or visual disturbances

If these symptoms occur, consider requesting a serum lamotrigine level and discuss with a neurologist, paediatrician or psychiatrist as appropriate.

### **Symptoms which could indicate that patients are absorbing a reduced dose of lamotrigine or have reduced adherence include:<sup>7</sup>**

- Seizures/aura – N.B. it is now considered that aura is part of a seizure event and should be treated as such
- Myoclonic jerks
- Mood instability (in patients taking lamotrigine for mood disorders)

If symptoms occur, consider increasing the dose of lamotrigine by 25 mg in an adult or child aged over 12 years or by 300 micrograms/kg in a child aged 2 – 12 years, as long as the total dose remains below the recommended maximum dose, which differs depending on other anti-epileptic medicines taken and the indication for treatment: see NZF for recommended maximum doses in adults: [www.nzf.org.nz/nzf\\_2326](http://www.nzf.org.nz/nzf_2326) or NZFC for recommended doses in children: [www.nzfchildren.org.nz/nzf\\_2326](http://www.nzfchildren.org.nz/nzf_2326)

If the patient is already taking the maximum dose of lamotrigine or the dose increase does not improve symptoms, discuss with or refer to a neurologist, paediatrician or psychiatrist as appropriate.

#### Routine monitoring of serum levels is not necessary

The Neurological and Mental Health Subcommittees of PTAC considered whether monitoring serum levels of lamotrigine would aid in clinical management during a brand change, however, they concluded that based on available evidence this would be of little benefit as monitoring is generally used to check for adherence, possible toxicity or during pregnancy. Clinical trials have found that there is some dose to dose variation in serum levels of lamotrigine; importantly, these variations are similar for patients who change from the originator brand to a generic formulation of lamotrigine and patients who continue to take the originator brand.<sup>17, 36</sup> In addition, as most patients would be expected to continue with

good adherence to their regimen it is unlikely that monitoring would aid clinical decision making when patients are changed between brands of lamotrigine.<sup>7</sup>

#### Some patients with epilepsy are likely to have seizures regardless of which formulation they are prescribed

If a patient with epilepsy experiences a seizure after changing brands of lamotrigine, it is possible that this is related to the brand change, but also possible that this was a random occurrence or influenced by other factors, such as acute illnesses, co-morbidities, changes in daily routine or other medicines which may affect seizure control or the efficacy of antiepileptic medicines. Evidence from two randomised clinical trials report that between 7–22% of patients can have a recurrence while continuing the same antiepileptic medicine regimen even after two years without seizures.<sup>24, 25</sup>

Discuss with patients that a change in seizure control may not be related to the brand change, and it does not necessarily

**Table 3:** Currently funded formulations of 25 mg, 50 mg, and 100mg lamotrigine tablets and their appearance.

	Logem <sup>32</sup>	Lamictal <sup>33</sup>	Arrow-Lamotrigine <sup>34</sup>
<b>Pack size</b>	56 tablet blister pack	56 tablet blister pack	56 tablet blister pack
<b>Flavour</b>	Blackcurrant	Blackcurrant	Blackcurrant
<b>Sweetener</b>	Saccharin and mannitol	Saccharin	Saccharin and mannitol
<b>Writing on tablets</b>	"LY" with dose, e.g. "25", "50" or "100"	25 mg: "GSCL5" on one side, "25" on the other 50 mg: "GSCX7" on one side, "50" on the other 100 mg: "GSCL7" on one side, "100" on the other	Embossed with an outline similar to a PacMan with "LI" and the dose underneath, e.g. "LI25" for a 25 mg tablet.  The reverse side has a line marked on it.
<b>Tablet appearance</b>	White to off-white Round with a flat face	White to off-white, rounded edges with a raised centre	White to off-white Shield-shaped
<b>25 mg</b>			
<b>50 mg</b>			
<b>100 mg</b>			
<b>Tablet size</b>	Tablet size increases with strength. The tablet sizes for each strength are similar between brands. <sup>35</sup>		

mean that the Logem brand should be discontinued. If appropriate, consult with a neurologist involved in managing the patient's epilepsy.

### **If needed, funding to cover the cost of a follow-up appointment is available**

If patients are having difficulty after being changed to Logem and require an additional appointment to discuss concerns, clinicians can invoice PHARMAC for the General Practitioner co-payment fee (i.e. in lieu of charging the patient) as long as the invoice is received on or prior to 31 December, 2019.<sup>4,37</sup>

 For further information on claiming reimbursement, see:

- "Information for healthcare professionals" at [www.pharmac.govt.nz/medicines/my-medicine-has-changed/lamotrigine/](http://www.pharmac.govt.nz/medicines/my-medicine-has-changed/lamotrigine/)
- The proforma invoice and patient detail form for co-payment reimbursement: [www.pharmac.govt.nz/assets/PHARMAC-Lamotrigine-Proforma-invoice.pdf](http://www.pharmac.govt.nz/assets/PHARMAC-Lamotrigine-Proforma-invoice.pdf)

### **In exceptional circumstances patients may continue with funded access to other brands**

Funding is available to assist patients in accessing a non-funded brand of lamotrigine if there are exceptional clinical difficulties. This could include a patient who clinicians believe would be unable to manage a change in brand, e.g. they have had adverse clinical effects from previous brand changes, or where a patient has changed brands to Logem and has not been able to tolerate the change.<sup>4</sup>

On 15th November, 2019, the application criteria were widened to allow prescribers to make an application to PHARMAC for ongoing funding for individuals:

- Who have not tolerated the change
- Who have breakthrough seizures
- Who have had mood destabilisation
- The prescriber has clinical concerns about the individuals ability to manage the change (e.g. previous issues with medication changes, severe anxiety around this brand change)
- That have concerns about their ability to drive

 An application form for clinicians to apply for exceptional circumstances is available at: [www.pharmac.govt.nz/assets/lamotrigine-exceptional-circumstances-form.doc](http://www.pharmac.govt.nz/assets/lamotrigine-exceptional-circumstances-form.doc)

If patients wish to continue taking another brand of lamotrigine at their own personal cost after 1 October, 2019, they should discuss the price and availability of supplies with a pharmacist.<sup>4</sup>

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N.B. Expert reviewers do not write the articles and are not responsible for the final content.

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