Recommendation Guide

Summary

Lightkey Medical UK is designed to eliminate the challenges associated with producing written work for medical professionals, and students pursuing medical or nursing degrees and other university and college courses where this type of specialist vocabulary is required.

As 'specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance, Lightkey Medical, can also support students on courses, that include those listed below, where subject areas and taught modules (listed in a student's university course overview) intersect with the medical and medical sciences fields:

Psychology	Health Promotion	Social Care	Biomedical
Pharmacy	Physiotherapy	Health Sciences	Podiatry
Radiography	Dentistry	Health Care	Public Health

Lightkey is an advanced multi-word prediction softwarepowered by an expansive lexicon comprising 27 specialised medical vocabularies, complete with industry-specific jargon and sentence structures.

In addition to its predictive capabilities, **Lightkey Medical UK** excels at handling complex medical spelling errors and providing precise grammar corrections, ensuring that students can focus on their studies and communicate their ideas clearly and confidently. Lightkey also has the ability to work with other applications, and not just in a word processor.

Difficulties helped by Lightkey

Writing and Reviewing Academic work	
Dyslexia	Given the difficulties arising from dyslexia, **Lightkey Medical** offers distinct advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged, "specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance and can offer support in the following ways: Lightkey is trained on 27 advanced medical dictionaries to provide real-time healthcare predictive typing and spelling to reduce cognitive load, Lightkey offers specialist dyslexia support and includes smart spelling suggestions and corrections tuned to common dyslexic-type spelling patterns. This will help to reduce errors and improve writing confidence. Predictive text in-line suggestions will improve writing flow. Other word processors correct mistakes after they occur, which means that it's necessary to guess spelling and phrasing. Where spelling is diagnostically poor this offers little support. Lightkey will help to address this. Real-time and subject-specific corrections can also help reduce cognitive load. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful for students who consistently use technical or academic language in their field of study.

	Free applications like MS Word or Google Docs tend to offer rule-based corrections, this can lead to contextual inappropriateness and bring additional problems with word usage and idioms, adding confusion for an individual with dyslexia with irrelevant suggestions. Lightkey considers the context of a sentence, offering suggestions that go beyond surface-level spelling or grammar. The use of Lightkey is therefore especially useful for students with dyslexia who also struggle with word order, homophones, and less commonly used vocabulary (as well as specialist terminology). Standard word processors don't adapt and improve prediction in the same way as Lightkey, making it harder to improve writing fluency over time. Lightkey's interface is clean and focused, helping to work in a distraction-free mode. Lightkey offers dyslexia-friendly writing support with 60 + Specialist Subject Dictionaries including Law, Economics and Medicine *Lightkey Medical. Customisable colour themes also enhance readability. Lightkey's fully offline operation is compliant with data protection. Lightkey can also integrate with text-to-speech technology, such as TextAid.

Writing and Reviewing Academic work	
Dyspraxia	Given the difficulties arising from dyspraxia **Lightkey Medical** offers distinct advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged, "specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance. Dyspraxia brings challenges with writing due to difficulties with motor coordination, spatial awareness, memory, and organisation and therefore a more comprehensive solution is required to meet disability-related needs. Lightkey Medical is adaptive and domain-specific, addressing disability related needs taking into account the nuances of the condition. It can help to overcome inconsistent spelling, and can especially helpful to assist with the spelling patterns of new and course related terminology/jargon. Lightkey also predicts full words and phrases after just a few keystrokes, meaning less physical typing is required. Standard word processors do not match the predictive typing features of Lightkey, requiring full manual input of each word. Given the nature of dyspraxia, where there are struggles with fine motor skills or typing fluency, Lightkey can offer significant advantages to address disability related difficulties by reducing fatigue and error rates. Typing fewer words via smart prediction means less motor strain. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously

	learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful for students who consistently use technical or academic language in their field of study. With Lightkey, the need for precise keyboard movements is reduced, aided by intelligent word prediction. Lightkey auto-completes words in real time, helping avoid constant backspacing or mouse use to correct errors. Standard word processors highlight errors after the fact, which can lead to frustrating stops and edits mid-flow. The use of Lightkey therefore supports smoother writing for students who have difficulty maintaining momentum or switching between writing and correcting, where there are sequencing difficulties. Lightkey is recommended to support difficulties with word retrieval and sequencing by suggesting common phrases and aiding sentence structures, helping students to formulate ideas in writing in the correct order. Other free or standard word processing applications do not include this degree of support. As such, Lightkey truly meets disability related needs. The application's specialist correction minimises typing errors, aiding coordination challenges. Colour-coded themes add clarity and can reduce visual confusion where there are coordination difficulties. Keyboard shortcuts streamline writing processes. The use of Lightkey can therefore also reduce fatigue as there is no need for prolonged handwriting or typing. Lightkey offers a distraction-free writing space, ideal for students who become overwhelmed, and it can therefore improve focus and accessibility where sensory and attention regulation difficulties impair academic performance.

	Lightkey's fully offline operation is compliant with data protection. Lightkey can integrate with text-to-speech technology, such as TextAid.

Writing and Reviewing Academic work	
ADHD	Given the difficulties arising from ADHD, **Lightkey Medical** can offer several advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged, "specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance. Lightkey will address the following unique disability related needs arising directly from ADHD, offering a bespoke solution: Lightkey Medical's interface is clean and focused, helping to work in a distraction-free mode. The presence of ADHD can make all of the elements of the writing process challenging, including grammar, punctuation, content and spelling, all at once, and the addition of specialist terminology complicates matters even further. Lightkey can assist where there is inconsistent spelling of the same word in a single piece of writing. This reduces the need to pause and correct spelling or grammar errors mid-sentence. With free and standard spelling and grammar checking, the use underlines and pop-ups can interrupt focus and derail attention. Maintaining attention is key for individuals with ADHD, and Lightkey helps to stay in the writing "zone". To address problems generating ideas and getting words onto the page, Lightkey can help sustain effort. Its suggestions act as writing prompts,

	helping to get started and maintain writing momentum. Lightkey reduces cognitive fatigue and supports better flow during writing tasks. As it predicts and completes words and phrases in real time, this reduces the mental effort required to address spelling, structure, or wording. With free spell-checking applications, unlike Lightkey, mistakes are only highlighted after they happen, offering no forward support. Standard word processors rely on manual corrections. Lightkey also learns and adapts to an individual's unique writing behaviour, supporting consistent writing habits over time and therefore provides proactive and personalised, bespoke support. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful for students who consistently use technical or academic language in their field of study. Lightkey can integrate with text-to-speech solutions, such as TextAid.

Writing and Reviewing Academic work	
Autism Spectrum Condition (ASC)	Given the difficulties arising from ASC, **Lightkey Medical** offers distinct advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged, "specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance. Lightkey will address the following unique disability related needs arising directly from ASC, offering a bespoke solution: As Lightkey proactively prevents spelling/grammar errors, unlike a standard/free word processor where errors are identified after typing (reactive), this can help to reduce any anxiety or frustration associated with errors in writing. Lightkey prevents many spelling and grammar errors before they happen, lowering the emotional impact of seeing constant red or blue underlines. Where there is heightened anxiety around making mistakes, Lightkey offers a calmer, more encouraging writing experience. It reduces the need and pressure to recall specialist terminology from memory, so the focus can be on the writing. Lightkey is also recommended to support personal expression with predictive phrase suggestions. As it suggests full phrases and multi-word predictions, this can aid coherence in writing. This is not available in free solutions. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful

	for students who consistently use technical or academic language in their field of study. Lightkey offers a scaffolded approach to academic writing, ideal for students on the autism spectrum who find it difficult to initiate or organise written language. Real-time word and phrase prediction aids language processing. This can reduce decision making, as full phrases are suggested. Lightkey offers a distraction-free writing space, ideal for students who become overwhelmed, and it can therefore improve focus and accessibility where sensory regulation difficulties impair academic performance. Unlike free spelling tools, Lightkey's suggestions become more tailored over time, offering consistent phrasing and structure that can build writing confidence. The predictable behaviour offers support for those who thrive on routine and structure. Lightkey's fully offline operation is compliant with data protection. Lightkey can integrate with text-to-speech technology, such as TextAid.

Writing and Reviewing Academic work	
Mental Health	Given the disability-related needs, **Lightkey Medical** offers distinct advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged,"specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance. Lightkey will address the following unique disability related needs arising directly from the diagnosis, offering a bespoke solution: Where there are difficulties with motivation, anxiety, or reduced executive function, Lightkey offers a scaffolded approach to academic writing, ideal for students who find it difficult to initiate or organise academic writing. Lightkey can make it less daunting to get started. Lightkey will help where brain fog, low motivation, or anxiety are present by making writing feel more manageable and less mentally taxing through real-time predictions. Writing can seem even more daunting when faced with new vocabulary. Lightkey offers a distraction-free writing space, ideal for students who become overwhelmed, and it can therefore improve focus. Where there is perfectionism, Lightkey can help to give confidence that the output will be accurate. Lightkey suggests words and phrases in real time, helping students start and continue writing without overthinking. Additionally, unlike free spelling tools, Lightkey's suggestions become more tailored over time, offering consistent phrasing and structure that can build writing confidence. Where a condition fluctuates, and when mood is low, during depressive episodes or burnout, and when energy and processing speed are reduced, Lightkey's predictive typing requires fewer keystrokes, making it easier to express ideas, with less effort.

	Lightkey's suggestions become more tailored over time, this can build writing confidence. The predictable behaviour of Lightkey also offers consistency, unlike free tools where unpredictable corrections can feel inconsistent. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful for students who consistently use technical or academic language in their field of study. Lightkey's interface is clean and focused, helping to work in a distraction-free mode where concentration is poor, this will offer additional support. Minimises frustration by correcting mistakes with 60+ specialist dictionaries. Lightkey's fully offline operation is compliant with data protection. Lightkey can integrate with text-to-speech technology, such as TextAid.

Writing and Reviewing Academic work	
Physical disability	Given the disability-related needs, **Lightkey Medical** offers distinct advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged,"specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance. Lightkey will address the following unique disability related needs arising directly from the diagnosis, offering a bespoke solution: Where a condition brings limited dexterity, reduced strength, or pain while typing, Lightkey significantly reduces physical effort and speeds up writing by minimising keystrokes with word and phrase prediction, substantially reducing strain. Lightkey can predict and complete words and phrases in real time, often after just a few keystrokes, and therefore offers greater functionality than a free word processor/spell checking facility where it is necessary to type out full words manually. Even where speech-to-text (STT) technology can be used, there are scenarios during course delivery where the use of STT is not possible or inappropriate, and Lightkey offers an alternative for keyboard input. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful for students who consistently use technical or academic language in their field of study. With traditional word processors/free spelling and grammar tools, several interface navigation steps

	are required to correct errors. Lightkey corrects spelling and grammar mistakes without the need for backspacing or mouse use to correct errors. This is a key accessibility benefit not available with a free tool. Where there are difficulties with the mechanics of typing, Lightkey reduces repetitive motion, which can help with fatigue or pain. Lightkey can help address problems with physical exhaustion arising from a diagnosis. With Lightkey, it is possible to complete work more quickly and with fewer movements. Lightkey works with alternative input devices for accessibility. Lightkey's reduced typing demand makes it better suited to assistive setups. Lightkey's interface is clean and focused, helping to work in a distraction-free mode. Minimises frustration by correcting mistakes with 60+ specialist dictionaries. Lightkey can integrate with text-to-speech technology, such as TextAid. Lightkey's fully offline operation is compliant with data protection.

Writing and Reviewing Academic work	
Dyscalculia	Given the disability-related needs, **Lightkey Medical** offers distinct advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged,"specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance. Lightkey will address the following unique disability related needs arising directly from the diagnosis, offering a bespoke solution: Lightkey can be more supportive for students with dyscalculia, particularly in relation to challenges with sequencing, memory, written expression, and anxiety around numbers or structure. As Lightkey predicts full words and phrases, this reduces the burden of spelling, syntax, and structure, helping to overcome problems with sequencing and working memory. Free solutions provide only post-error correction, meaning that it is necessary to construct each sentence independently. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful for students who consistently use technical or academic language in their field of study. Where math-related anxiety spills over into other academic tasks, with free solutions, as mistakes must be corrected after they are made, this can disrupt writing flow and increase frustration. With Lightkey, as it proactively reduces spelling and grammatical errors, this helps to avoid repeated corrections and backspacing.

	Where there are difficulties organising thoughts, Lightkey offers scaffolded support. Multi-phrase prediction offers structured suggestions that help with fluent writing and writing flow. Lightkey adapts to an individual's writing style. Standard word processors don't adapt in the same way, making it harder to improve writing fluency over time. This can help to reduce the cognitive load associated with spelling and sentence construction, allowing individuals to focus more on concepts and organisation of ideas in writing. Lightkey supports users by reducing the cognitive load of writing numbers. Lightkey's fully offline operation is compliant with data protection.

Writing and Reviewing Academic work	
Visual Impairment	Given the disability-related needs, **Lightkey Medical** offers distinct advantages over standard spelling and grammar tools in Microsoft Word or Google Docs. Whilst the changes to SLC's funding guidance and the Student Support Information Note (SSIN) to remove non-specialist spelling and grammar software from DSA funding are acknowledged,"specialist" spell-checking software is still permitted under SLC (SFE and SFW) guidance. Lightkey will address the following unique disability related needs arising directly from the diagnosis, offering a bespoke solution: With standard word processors/ free solutions interaction is via toolbars, ribbons, and pop-ups that can be visually overwhelming and difficult to navigate. Lightkey offers a high-contrast workspace that reduces visual clutter and allows students to adjust text size and contrast with ease helping overcome problems of low vision or visual fatigue, this greatly improves readability and comfort during extended writing sessions. Lightkey predicts words and phrases after a few keystrokes, this makes writing less tiring where there are problems with eye movement or visual tracking difficulties. Using Lightkey can prevent writing mistakes allowing for fewer visual interruptions and a smoother writing flow, reducing fatigue. It's also important to note that Lightkey's "AI" functionality is grounded in the fact it learns from the individual, the software, however, is installed locally on the device. Lightkey ensures context aware prediction using AI to suggest phrases based on the information entered by the user but drawing on the content that has been written previously by the user. Lightkey continuously learns from an individual's writing style, and frequently-used phrases and vocabulary. Therefore, over time it becomes more personalised and efficient. This is especially useful for students who consistently use technical or academic language in their field of study.

	Lightkey speeds up writing with fewer keystrokes and less need for visual correction. This is important where screen magnifiers, Braille displays, or other vision-related assistive technology (AT) is used. Lightkey's offline operation is compliant with data protection.