Autistic people appear to be much more likely to develop a wide range of health conditions. However, more work needs to be done in order to ensure autistic people receive effective healthcare. Key areas for research include:

- Are autistic people at greater risk of cardiovascular events, gut problems, stroke, diabetes, neurological and autoimmune conditions than non-autistic people? Why is this, and how can these risks be reduced?
- What can we learn about the current use of residential facilities by older autistic adults?
- What is the incidence of Parkinson’s disease among autistic people and what are the associated risk factors?
- How can researchers and autistic people work in partnership to investigate biological factors affecting the health and wellbeing of autistic people?
- Are hypermobility syndromes more frequent in autistic people and why?
- What are the factors affecting problems with sleep in autistic people? How can we improve sleep in autistic people?
- How effective are existing public health initiatives, such as social prescribing and encouraging healthy diet and exercise, in reaching autistic people? How can these initiatives be improved for autistic people?

Autistica is the UK’s autism research charity. A number of our Action Briefings have focused on specific health problems that autistic people often face. This briefing summarises the most important scientific findings about other co-occurring conditions. It was developed in collaboration with leading researchers and autistic people and families with lived experience of the topic to provide insight into the latest evidence.

We strongly urge the Department of Health and Social Care, NHS policy-makers, commissioners, services and research funders to act on this information. There is increasing evidence that autistic people are more likely to experience a range of physical and neurological health problems; the services and policies focused on tackling those conditions need to consider ways to address these health inequalities.

“I struggle with debilitating fatigue and pain that no doctor has been able to explain. Some doctors say it’s because I’m autistic. No support has been offered. Because of this, I’m unable to work or leave my house for extended periods of time.”

“Autistic people generally experience poorer health outcomes than the general population and are more likely to develop a wide range of conditions including heart disease, diabetes, stroke, Parkinson’s disease, allergies, gastro-intestinal disorders and autoimmune conditions. Difficulties with sleep are common amongst autistic people, who often experience a longer delay before falling asleep and poorer refreshment on waking. Sleep disorders are associated with a variety of other health problems.

Autistic people appear to face increased rates of obesity and diabetes. Reasons for this include difficulties eating a varied diet from issues such as sensory differences, and barriers to accessing physical activity. While autism is not a mental health condition, mental health conditions are the norm rather than the exception for autistic people, and suicidality and suicide rates are exceptionally high within the autistic community. Autistica have recently published a series of research and policy recommendations to improve mental health in autistic people.

Many autistic people are prescribed psychotropic medication, such as antipsychotics, for long periods, even if they haven’t been diagnosed with the conditions those drugs are intended to treat. Giving someone a treatment they don’t need is dangerous, and the long-term use of psychotropics is associated with a range of health problems.

“I have never slept through the night my entire life. I believe this is associated with autism and my sensory issues, but no-one seems to be able to help.”

“The NHS doesn’t seem to be able to shed any light on our son’s chronic stomach issues.”

What we know

What we need to find out

Autistic people appear to be much more likely to develop a wide range of health conditions. However, more work needs to be done in order to ensure autistic people receive effective healthcare. Key areas for research include:

- Are autistic people at greater risk of cardiovascular events, gut problems, stroke, diabetes, neurological and autoimmune conditions than non-autistic people? Why is this, and how can these risks be reduced?
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- How effective are existing public health initiatives, such as social prescribing and encouraging healthy diet and exercise, in reaching autistic people? How can these initiatives be improved for autistic people?
A number of health conditions had only been begun to be linked to autistic people when the Autism Act (2009)23 or Think Autism Strategy (2014)33 were published. The Government recently made reducing early death the primary aim of the Autism Strategy34,35 and has launched a review of the Strategy for the future.36

We now know that autistic people are more likely to experience poor outcomes from a range of health conditions. The Department of Health and Social Care should ensure that managing co-occurring conditions becomes a “priority challenge for action”,37 as part of a wider theme on reducing early death.

The NHS Long Term Plan38 includes detailed commitments about tackling cancer, cardiovascular disease, strokes, diabetes and respiratory disease.

All clinical priority teams within NHS England should consider the health inequalities facing autistic people and people with learning disabilities in their ongoing work.

The Long Term Plan committed to piloting specific health checks for autistic people and, if successful, to extending these more widely.38 Autistica and the National Autistic Society have recruited a Policy Officer to tackle the practical and policy changes in delivering health checks.

NHS England should work closely with Autistica and National Autistic Society policy teams to deliver this commitment using an evidence-based approach with the involvement of autistic people and their families.

The NHS also recently announced that the STOMP-STEM programme to stop the overmedication of autistic people and people with learning disabilities would be expanded.38 Anonymised NHS data is vital for ensuring that programmes like STOMP-STEM can be delivered and monitored effectively. Public Health England recently found that there wasn’t enough data available to analyse how many autistic adults are at risk of overmedication.27

NHS England, NHS Digital and local health services need to prioritise improving the consistency and quality of NHS records concerning autistic people’s health, particularly within primary care.

The NHS Long Term Plan highlights that “research-active” hospitals have lower mortality rates39 and prioritises action to reduce preventable deaths amongst autistic people.38 Few clinical innovations in different specialisms are focusing on testing the effectiveness of interventions for autistic people despite the high rates of health inequalities.

The National Institute for Health Research, NHS England, and public, private and third sector research funders need to collaborate and support more healthcare professionals to become involved in impactful autism research.