

Premature Death and Co-morbidity of People living with Serious Mental Illness (SMI) i.e. Schizophrenia, Psychosis, Bipolar Depression and Anxiety

- ✓ At increased risk of poor physical health, and their life-expectancy is reduced by an average of 15–20 years mainly due to preventable physical illness.
- ✓ Double the risk of obesity and diabetes.
- ✓ 3 times the risk of hypertension and metabolic syndrome.
- ✓ 5 times the risk for dyslipidaemia than the general population.
- ✓ Less than a third of people with schizophrenia in hospital have received the recommended assessment of CVD risk in previous 12 months.
- ✓ Less access to cancer screening and early intervention than the general population.
- ✓ 3.2 times more A&E attendances and 4.9 times more unplanned inpatient admissions than the general population with significantly higher length of stays.
- ✓ Less access to planned physical care, use more emergency hospital care than those without mental ill health

What are the statistics in diabetes in patient with a SMI condition?

- ✓ 10-15% diabetes prevalence (De Hert et al, 2009)
- ✓ Obesity rates approximately double in people with schizophrenia
- ✓ Patients are motivated about their physical health but less able to prioritise physical well being
- ✓ Altered body composition
- ✓ Increased visceral fat
- ✓ Higher waist to hip ratios
- ✓ Historically high rates of undiagnosed diabetes
- ✓ Reduced screening in this group

What is the problem in the UK with SMI & Diabetes?

Compared to those with diabetes only, individuals with diabetes and mental health disorders have:

- ✓ Decreased medication adherence
- ✓ Decreased compliance with diabetes self-care
- ✓ Increased functional impairment
- ✓ Increased risk of complications associated with diabetes
- ✓ Increased healthcare costs and an increased risk of early mortality

Identifying where the gaps in knowledge/joint working lie?

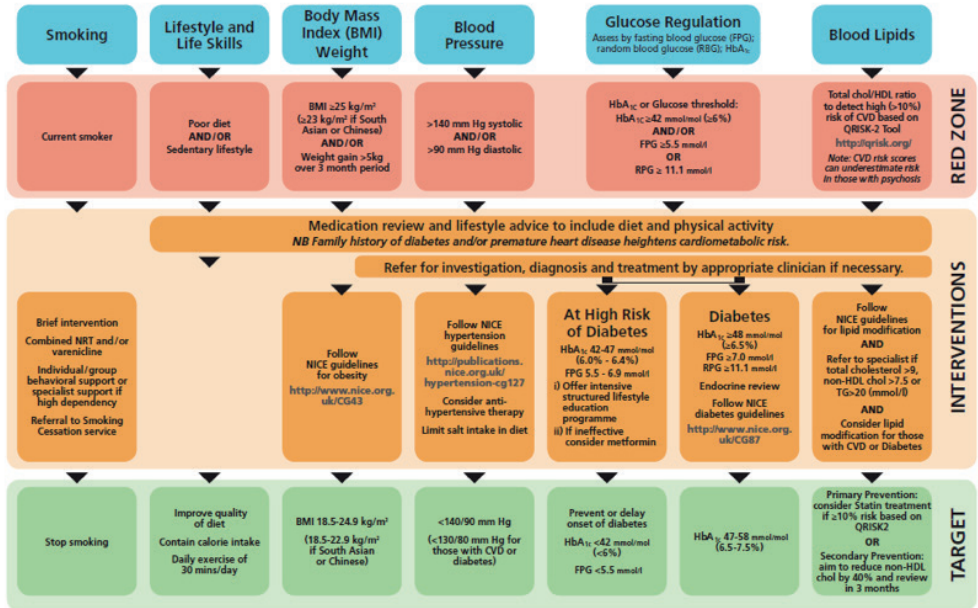
The following treatment modalities should be incorporated into primary care and self-management education interventions to facilitate adaptation to diabetes:

- ✓ Reduce diabetes-related distress and improve outcomes:
- ✓ Motivational interventions, family therapy and collaborative case management.
- ✓ Individuals taking psychiatric medications, particularly atypical antipsychotics, benefit from regular screening of metabolic parameters. Lester Tool Screen and Intervene!!!
- ✓ Empowering our patients to understand the condition and take control is key but someone with SMI may not be able to do this without support
- ✓ All health care professionals have a role in promoting better diabetes self-management but need to know how SMI will impact on ability to manage consistently
- ✓ Management of cardiovascular risk factors including blood pressure and lipids is as / more important than glucose control, is this fully understood for patients with co-morbid Mental Health risk factors
- ✓ Early and aggressive glucose lowering treatment needed
- ✓ Drug treatments need to be individualised to the patient

Lester UK Adaptation | 2014 update

Positive Cardiometabolic Health Resource

An intervention framework for people
experiencing psychosis and schizophrenia



FBG = Fasting Plasma Glucose | RPG = Random Plasma Glucose | BMI = Body Mass Index | Total Chol = Total Cholesterol | HDL = High Density Lipoprotein | TRIG = Triglycerides

What are the team in Northumberland Tyne and Wear Mental Health and Disabilities Trust doing?

- ✓ Dedicated Diabetes Clinical Reference group within the Trust focussed on Learning from incidents and best practice
- ✓ Presented and gained support for collaborative working from North East and Cumbria Diabetes Clinical Network - NHSE/NHSI/Commissioners /Primary Care
- ✓ Joint work with local Diabetologists and Specialist Nurses to review access to specialist Diabetes practitioners and local patient pathways across 5 Acute Trusts on our patch
- ✓ Developing in house training programmes for all multi professional Nursing Medical and Allied Health Professional staff

What can you as an HCP do to help drive forward this initiative?

- ✓ Tell us what you need to know about mental health conditions to help you manage the care and treatment for patients who also have diabetes

Contact us at DPCtoolkit@diabetespc.com
to get involved, and for further
information and resources