



The Role Of Pharmacists And Pharmacy Technicians In Lipid Management

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Why focus on lipid management in secondary prevention patients?

- Moral imperative
- Mandate
- Means



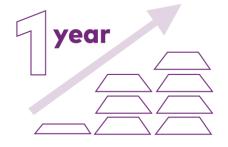
A healthcare system burden

Cardiovascular disease causes almost a quarter (24%) of all deaths in the UK,¹ placing a considerable financial burden on the NHS and wider society.²

Cardiovascular disease:



causes
1 death every
3 minutes
in the UK¹



costs the NHS in England about £7.4 billion/year²

The NHS Long Term Plan acknowledges **cardiovascular disease as a clinical priority** and the single biggest area where the NHS can save lives over the next 10 years.³



The additional problem of health inequality

Cardiovascular disease is one of the conditions most strongly associated with **health inequalities**, with many people still living with undetected, high-risk conditions, **such as high cholesterol.**^{1,2}



People living in the most deprived areas in England are almost

4 times as likely to die prematurely from cardiovascular disease

than those in the least deprived²

With the number of people dying prematurely from cardiovascular disease on the rise for the first time in 50 years,² now is the time to address the risk this population faces.



Let's discuss the CVD burden in NENC

Around **430,000** people live with cardiovascular disease in North East and North Cumbria, a condition that:



Causes **690 deaths** each month¹



Causes one death

every 65 minutes¹



ONLY IN NORTH EAST AND NORTH CUMBRIA



The vision

- Resetting the benchmark
- Keep it GP-lite
- Pharmacy driven, establishing the pharmacy team
- Creating a new norm
- Education
 - creating sustainability
 - > empowering non-medical and medical clinician staff
 - making a difference and leaving a legacy





Leaving the legacy

- The annual review who manages the results?
- Look at every lipid result
- Be clear what your targets are
- Don't be afraid to use new technologies
- ADR? Be clear on your alternatives



Making it happen - what we did

- Front loading approach
- Search CDRC
- Review
- Optimise
- Review
- NEELI guidelines





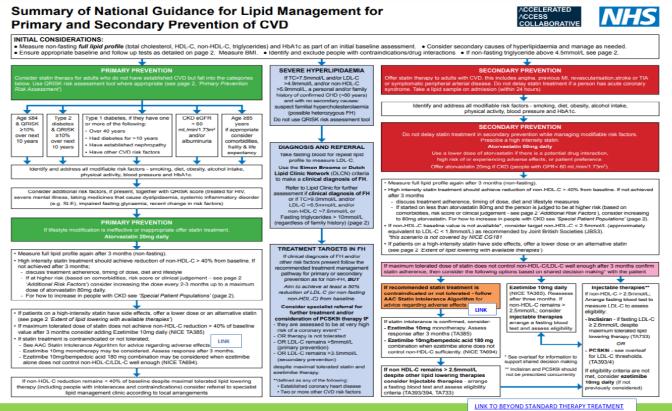
How can Pharmacy Technicians support lipid optimisation?

- Run the searches
- Stratify and prioritise the patient list
- Triage and gather patient information
- Document finding in patients notes
- Based on findings and NEELI guidelines make recommendations for lipid optimisation
- Task appropriate clinicians
- Review and follow-up on recommendations made





NEELI guidelines - Use North of Tyne APC guideline version







If maximum tolerated dose of statin does not control nonHDLc/LDLc:

If maximum tolerated dose of statin does not control non-HDL-C/LDL-C well enough after 3 months confirm statin adherence, then consider the following options based on shared decision making* with the patient If recommended statin treatment is Ezetimibe 10mg daily Injectable therapies** (NICE TA385). Reassess contraindicated or not tolerated - follow If non-HDL-C > 2.5mmol/L: after three months. If AAC Statin Intolerance Algorithm for Arrange fasting blood test to advice regarding adverse effects non-HDL-C remains > measure LDL-C to assess LINK 2.5mmol/L; consider eligibility: injectable therapies Inclisiran - if fasting LDL-C If statin intolerance is confirmed, consider: arrange a fasting blood ≥ 2.6mmol/L despite Ezetimibe 10mg monotherapy, Assess test and assess eligibility maximum tolerated lipid response after 3 months (TA385) lowering therapy (TA733) Ezetimibe 10mg/bempedoic acid 180 mg combination when ezetimibe alone does not PCSK9i - see overleaf control non-HDL-C sufficiently. (NICE TA694) for LDL-C thresholds. See overleaf for information to support shared decision making (TA393/4) ** Inclisiran and PCSK9i should If non HDL-C remains > 2.5mmol/L If eligibility criteria are not despite other lipid lowering therapies not be prescribed concurrently met, consider ezetimibe consider Injectable therapies - arrange 10mg daily (if not a fasting blood test and assess eligibility previously considered) criteria (TA393/394, TA733)



LINK TO BEYOND STANDARD THERAPY TREATMENT

Treatment options according to non-HDLc and LDLc

| Non-HDLc | LDLc | Treatment |
|----------|---------|---|
| 2.5-3.1 | | Try to optimise with statins OR ezetimibe+/-bempedoic acid |
| >3.1 | | Check fasting lipid profile and LDLc |
| | <2.6 | Try to optimise with statins OR ezetimibe+/-bempedoic acid |
| | 2.6-3.4 | Inclisiran |
| | 3.5-4 | Very high risk* – PCSK9 inhibitors or not very high risk - inclisiran |
| | >4 | PCSK9 inhibitor |



^{*}Very high risk of CVD i.e. recurrent cardiovascular events or cardiovascular events in more than 1 arterial vascular bed.

Wider workforce

- Administration and reception staff book appointments, update records
- Nurses and HCA's Take bloods, annual reviews, administer injectables
- Pharmacy team support the work and provide sustainability
- GPs be familiar with guidelines. Follow up more complex cases e.g. potential Familial Hypercholesterolaemia (FH) patients

