PCSK-9i PRESCRIBING FLOWCHART FROM CARDIOVASCULAR RISK CLINIC, NINEWELLS HOSPITAL

(Initiation by CONSULTANT only)

Patient qualifies for Evolocumab (joint 1st line with Inclisiran)/ Alirocumab (2nd line) as per local Formulary

Primary prevention:

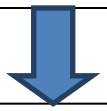
1) Adults with heterozygous familial hypercholesterolaemia (HeFH) and LDL-C ≥ 5.0mmol/L

- **Secondary prevention**:

1) Adults with HeFH and LDL-C ≥ 3.5mmol/L

2) Non-FH pts at high risk due to previous cardiovascular events and LDL-C ≥4.0mmol/L or with recurrent/ polyvascular disease and LDL-C ≥3.5mmol/L.

As an adjunct to diet, in combination with a statin or with a statin and other lipid lowering therapies in patients taking the maximum tolerated dose of a statin OR alone or in combination with other lipid-lowering therapies in patients who are statin intolerant OR in patients for whom a statin is contraindicated



Issue prescription for EVOLOCUMAB 140mg or ALIROCUMAB 75mg (2nd Line) s/c once every 2 weeks (Q2W) on NHST headed paper for patient to take down to Ninewells pharmacy. Please prescribe for 3 months (6 injections). Follow up patient in 3 months with GP to do lipids pre-clinic. **3 month repeat Lipids to be requested by Cardiovascular Risk OPC location on ICE (otherwise Biochemistry may reject due to frequency)**

Patient has training and 1st injection in clinic that morning itself. Area 6 nurses will provide training materials and compliance support tel numbers etc at same time

At 3 month follow-up, decision on continuing or stopping can be made based on efficacy/ tolerability. If continuing EVOLOCUMAB, dosage remains the same and Primary Care to continue prescription from this point (may need to prescribe 1 further injection from clinic to bridge GP prescription). If continuing ALIROCUMAB, please decide if dose can stay at 75mg Q2W or increased to 150mg Q2W. **For Alirocumab,** please issue script for a further 3 months as above from clinic.

For Alirocumab, at 6 month follow-up, if patient tolerating meds, Lipids improved, please inform GP to continue prescribing Alirocumab henceforth. (prescribe 1 further injection from clinic to bridge GP prescription)

Written by Prof Jacob George, Clinical Lead CV Risk Clinic, Ninewells Hospital

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