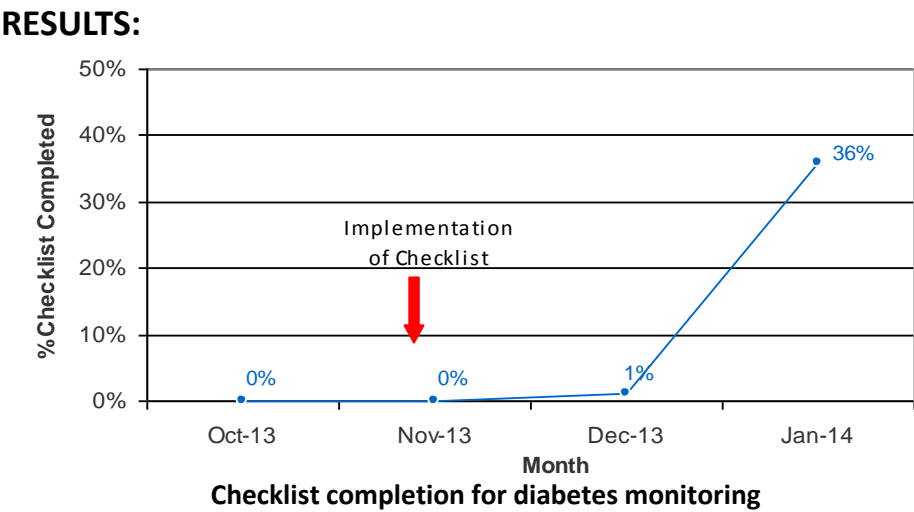


# Improving diabetes care in elderly home care population

<p><b>PROBLEM:</b></p> <p>We found that HHCS patients are not monitored for diabetic complications with parameters like HBA1c, LDL, urine microalbumin, serum creatinine, eye exam, foot exam, weight and blood pressure, in compliance with evidence-based HMC and International guidelines leading to increased morbidity and mortality.</p>	<p><b>TEAM:</b></p> <ul style="list-style-type: none"><li>• Ms Sunita Chinamma Case Manager, District 3</li><li>• Ms Sybil Binu George Senior Quality Reviewer, HHCS</li><li>• Dr. Fatma M Abdelfatah Clinical Pharmacist</li><li>• Dana Ahmed Dietician, HHCS</li></ul>
<p><b>AIM:</b></p> <p>Increase percentage of patients properly monitored for diabetic complications with HBA1c, LDL, Urine microalbumin, Serum creatinine, eye and foot exam, weight and blood pressure, in compliance with evidence-based HMC guidelines in HHCS elderly patients from 0% to 30% from October 2013 to March 2014.</p>	<p><b>PROJECT SPONSOR:</b></p> <ul style="list-style-type: none"><li>• Dr. Essa Mubarak Al Sulaiti Chairman</li></ul>
<p><b>INTERVENTION:</b></p> <ul style="list-style-type: none"><li>•Conducted physician and staff survey, which identified a need for education and routine monitoring for diabetic complications, a part of the system.</li><li>•After brainstorming, a checklist for monitoring of the above evidence based parameters seemed to be the ideal solution.</li><li>•Designed and implemented a checklist for monitoring of diabetic patients as part of diabetic assessment.</li><li>•Collected data at baseline in October and subsequently in November, December and January to monitor checklist completion rate.</li></ul>	<p><b>COACH</b></p> <ul style="list-style-type: none"><li>• Dr. Hanadi Al Hamad Consultant , Co-Chairperson</li></ul>



**CONCLUSIONS:**

- Standardized diabetes care and monitoring of elderly diabetic patients in HHCS
- Created and implemented a checklist for monitoring of diabetic patients
- Checklist completion rate for diabetic monitoring improved from 0% to 36% over a period of 4 months (above target of 30%)

**NEXT STEPS:**

- To implement the interventions in all Districts of HHCS covering all of Qatar.
- Plan in place to collect data every 6 months to monitor sustained improvement.
- Diabetes guidelines for Home Care