

**Table 1:** Characteristics of Included studies (n=35)

First Author	Year	Study Type	Location	Chronic Disease Type	PHR Type
Fuji <sup>51</sup>	2015	Qualitative	USA	Diabetes Type 2	Stand-alone
Jackson <sup>52</sup>	2018	Observational	USA	Diabetes	Tethered
Wade-Vuturo <sup>53</sup>	2013	Cross sectional: mixed methods	USA	Diabetes Type 2	Tethered
Sarkar <sup>54</sup>	2014	Observational , cohort study	USA	Diabetes	Tethered
Riippa <sup>30</sup>	2014	Controlled before & after	Finland	Diabetes Type 1 or 2 Hypertension hypercholesterolemia	Tethered
Van Vugt <sup>55</sup>	2016	RCT	Netherlands	Diabetes Type 2	Tethered
Cunningham <sup>56</sup>	2015	Observational	UK	Diabetes Type 1	Tethered
Tenforde <sup>34</sup>	2011	Retrospective audit	USA	Diabetes	Tethered
Sieverink <sup>57</sup>	2014	before and after measurement	Netherlands	Diabetes Type 2	Tethered
Shimada <sup>11</sup>	2016	Observational , retrospective cohort study	USA	Diabetes Type 2	Tethered
Wald <sup>58</sup>	2009	Observational	USA	Diabetes Type 2	Tethered
Groen <sup>59</sup>	2017	Questionnaires, a focus group,	Netherlands	Lung Cancer	Tethered
Boogerd <sup>60</sup>	2017	RCT	Netherlands	Diabetes Type 1	Tethered

Grant <sup>29</sup>	2008	RCT	USA	Diabetes Type 2	Tethered
Hess <sup>61</sup>	2014	Pre-Post	USA	Diabetes	Tethered
Pai <sup>62</sup>	2013	Observational	Canada	Prostate Cancer	Tethered
Williamson <sup>63</sup>	2017	Observational , retrospective	USA	Pediatric Cancers	Stand-alone
Urowitz <sup>64</sup>	2012	Qualitative, cross sectional	Canada	Diabetes Type 2	Tethered
Lau <sup>65</sup>	2014	Observational , retrospective	Canada	Diabetes Type 1 & 2	Tethered
Toscos <sup>31</sup>	2016	Quasi-experimental design	USA	Coronary Artery Disease (CAD)	Tethered
Manousos <sup>66</sup>	2013	Prospective cohort design	UK	Diabetes Type 1 & 2	Tethered
Azizi <sup>67</sup>	2016	RCT	Iran	Diabetes Type 2	Tethered
Woolf <sup>68</sup>	2018	Observational	USA	Breast Cancer, Colorectal Cancer, Prostate Cancer	Tethered
Pichayapinyo <sup>69</sup>	2012	Quasi-experimental	Thailand	Cardiovascular Disease (CVD)	Stand-alone
Graetz <sup>70</sup>	2018	Cross-sectional historical cohort	USA	Diabetes	Tethered
Baudendistel <sup>71</sup>	2017	qualitative, exploratory study	Germany	Colorectal Cancer	Tethered
Price-Haywood <sup>72</sup>	2017	Observational , retrospective cohort study	USA	Diabetes and/or Hypertension	Tethered

Lyles <sup>73</sup>	2013	Cohort, cross sectional	USA	Diabetes	Tethered
Piras <sup>74</sup>	2014	Qualitative, pre-post	Italy	Diabetes, Type 1	tethered
Guy <sup>75</sup>	2012	Qualitative cohort	Canada	Prostate Cancer, Diabetes	Tethered
Hess <sup>76</sup>	2007	Pre-post	USA	Diabetes	Tethered
Lau <sup>77</sup>	2015	RCT	Australia	Asthma	Tethered
Wiljer <sup>32</sup>	2010	quasi- experimental pre-test/post- test	Canada	Breast Cancer	Tethered
Daley <sup>78</sup>	2017	qualitative, exploratory study	USA	Patients with Implantable Cardioverter Defibrillator (ICD)	Tethered
Fiks <sup>79</sup>	2016	mixed- methods	USA	Asthma	Tethered