

**Table. Characteristics of Included Studies**

Source	Design	Setting	Location	Study Period	Recurrent CDI Definition	Gastric Acid Suppressant Used	Diagnostic Test Used
Abdelfatah et al, <sup>16</sup> 2015	Case-control, retrospective	Hospital (inpatients only)	United States	2007-2013	CDI recurrence within 10-90 d	PPIs	PCR
Cadena et al, <sup>32</sup> 2010	Cohort, retrospective	VAMC (inpatients and outpatients)	United States	2003-2005	CDI recurrence within 90 d	PPIs and H2Bs	ELISA
Cadle et al, <sup>27</sup> 2007	Case-control, retrospective	VAMC (inpatients and outpatients)	United States	2004-2005	CDI recurrence within 90 d	PPIs	ELISA
Freedberg et al, <sup>33</sup> 2013	Cohort, retrospective	Hospital (inpatients only)	United States	2009-2012	CDI recurrence within 15-90 d	PPIs	PCR
Hebert et al, <sup>34</sup> 2013	Cohort, retrospective	Hospital (inpatients only)	United States	2006-2010	CDI recurrence within 15-56 d	PPIs	PCR
Hikone et al, <sup>35</sup> 2015	Cohort, retrospective	Hospital (inpatients only)	Japan	2011-2013	CDI recurrence within 60 d	PPIs and H2Bs	ELISA
Khanna et al, <sup>18</sup> 2012	Nested case-control from historical cohort	Population-based	United States	1991-2005	CDI recurrence within 56 d	PPIs and H2Bs	PCR
Kim et al, <sup>28</sup> 2010	Case-control, retrospective	Hospital (inpatients and outpatients)	Korea	2006-2007	CDI recurrence within 90 d	PPIs	ELISA
Kim et al, <sup>29</sup> 2012	Case-control, retrospective	Hospital (inpatients and outpatients)	Korea	2004-2008	CDI recurrence within 30 d	PPIs and H2Bs	ELISA
Linsky et al, <sup>36</sup> 2010	Cohort, retrospective	VAMC (inpatients and outpatients)	United States	2003-2008	CDI recurrence within 15-90 d	PPIs	NA
McDonald et al, <sup>17</sup> 2015	Cohort, retrospective	Hospital (inpatients only)	Canada	2010-2013	CDI recurrence within 15-90 d	PPIs	PCR
Moshkowitz et al, <sup>30</sup> 2007	Case-control, retrospective	Hospital (inpatients only)	Israel	1993-1999	NA	Antiulcer drugs, not specified	NA
Rodríguez-Pardo et al, <sup>37</sup> 2013	Cohort, prospective	Hospital (inpatients only)	Spain	1999	CDI recurrence within 60 d	PPIs	ELISA
Samie et al, <sup>38</sup> 2013	Cohort, retrospective	Hospital (inpatients only)	Germany	2006-2009	CDI recurrence within 60 d	PPIs	ELISA
Tal et al, <sup>31</sup> 2002	Case-control, retrospective	Hospital (inpatients and outpatients)	Israel	NA	CDI recurrence within 30 d	H2Bs	ELISA
Weiss et al, <sup>39</sup> 2015	Post hoc analysis of 2 RCTs, analyzed as a prospective cohort study	Multisite (inpatients only)	United States, Canada, and Europe	2006-2008 and 2007-2009	CDI recurrence within 30 d	PPIs and H2Bs	NA

Abbreviations: CDI, *Clostridium difficile* infection; ELISA, enzyme-linked immunosorbent assay; H2Bs, H<sub>2</sub> receptor blockers; NA, not available; PCR, polymerase chain reaction; PPIs, proton pump inhibitors; RCTs, randomized clinical trials; VAMC, Veterans Affairs medical center.