

**Supplementary material 17:  
Grade evidence profile summary table**

<b>Citation</b>	<b>Limitations</b>	<b>Inconsistency</b>	<b>Indirectness</b>	<b>Imprecision</b>	<b>Publication bias</b>	
Roberts et al. 2017 <sup>1</sup>						
Hospitalisation rates. Referral pathways	Very serious limitations Very serious limitations	Not relevant Not relevant	No serious indirectness No serious indirectness	Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Rotheram-Borus et al. 1996a <sup>2</sup> , 2000 <sup>3</sup>						
Depression Family functioning Suicidality Self-esteem Impulsivity	Very serious limitations Very serious limitations Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Greenfield et al. 2002 <sup>4</sup>						
Psychosocial functioning Hospitalisation rates Repeat ED visits post-discharge Suicidality Suicide attempts Length of stay Parental satisfaction	Very serious limitations Very serious limitations Very serious limitations Very serious limitations Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant Not relevant Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness No serious indirectness No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision Serious imprecision Serious imprecision Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Latimer et al. 2014 <sup>5</sup>						
Costs	Very serious limitations	Not relevant	No serious indirectness	Serious imprecision		VERY LOW <sup>b</sup>
Nagarsekar et al. 2020 <sup>6</sup>						
Length of stay	Very serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	VERY LOW <sup>b</sup>
Wharff et al 2012 <sup>7</sup>						
Referral to intensive outpatients Repeat ED visits post-discharge Completed suicide and suicide attempts Hospitalisation	Very serious limitations Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Greenham and Bisnaire 2008 <sup>8</sup>						
Psychiatric symptoms Psychosocial functioning Suicidality	Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Fendrich et al 2019 <sup>9</sup>						
Repeat ED visits post-discharge	Very serious limitations	Not relevant	No serious indirectness	No serious imprecision	Not relevant	VERY LOW <sup>b</sup>
Holder et al 2017 <sup>10</sup>						
Costs	Very serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	VERY LOW <sup>b</sup>

Returning to home environment Length of stay Repeat ED visits post-discharge	Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision		VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Mahajan et al 2007 <sup>11</sup>  Costs Length of stay	Very serious limitations Very serious limitations	Not relevant Not relevant	No serious indirectness No serious indirectness	Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Rogers et al 2015 <sup>12</sup>  Costs Emergency department visits post-discharge Length of stay	Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Uspal et al 2016 <sup>13</sup>  Hospitalisation rates Repeat ED visits post-discharge Length of stay	Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Lee et al 2019 <sup>14</sup>  Length of stay Repeat ED visits post-discharge	Very serious limitations Very serious limitations	Not relevant Not relevant	No serious indirectness No serious indirectness	Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Martin 2005 <sup>15</sup>  Hospitalisation rates.	Very serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	VERY LOW <sup>b</sup>
Thomas et al 2018 <sup>16</sup>  Hospitalisation rates Costs Repeat ED visits post-discharge Length of stay	Very serious limitations Very serious limitations Very serious limitations Very serious limitations	Not relevant Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness No serious indirectness	Serious imprecision Serious imprecision Serious imprecision Serious imprecision	Not relevant	VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup> VERY LOW <sup>b</sup>
Maslow et al 2017 <sup>17</sup>  Repeat ED visits post-discharge	Very serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	VERY LOW <sup>b</sup>
Reliford and Adebajo 2018 <sup>18</sup>  Length of stay	Very serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	VERY LOW <sup>b</sup>
Asarnow et al 2011 <sup>19</sup>  Depression Behaviour Completed suicide and suicide attempts Suicidality Family functioning Post-discharge access to additional resources	Serious limitations Serious limitations Serious limitations Serious limitations Serious limitations	Not relevant Not relevant Not relevant Not relevant Not relevant	No serious indirectness No serious indirectness No serious indirectness No serious indirectness No serious indirectness	No serious imprecision Serious imprecision Serious imprecision Serious imprecision Serious imprecision	Not relevant	MODERATE <sup>a</sup> MODERATE <sup>a</sup> MODERATE <sup>a</sup> MODERATE <sup>a</sup> MODERATE <sup>a</sup> MODERATE <sup>a</sup>
Evans et al 2003 <sup>20</sup>						

Behaviour	No serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	MODERATE <sup>c</sup>
Psychosocial functioning	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Family functioning or empowerment	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Self concept	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Discharge destination	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		
Henggeler et al 1999 <sup>21</sup>						
Henggeler et al 2003 <sup>22</sup>						
Huey et al 2004 <sup>23</sup>						
Schoenwald et al 2000 <sup>24</sup>						
Sheidow et al 2004 <sup>25</sup>						
Depression	No serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	MODERATE <sup>c</sup>
Psychiatric symptoms	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Completed suicide	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Suicide attempts	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Discharge destination	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Behaviour	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Psychosocial functioning	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Family functioning or empowerment	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Hospitalisation rates	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Self esteem	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Costs	No serious limitations	Not relevant	No serious indirectness	Serious imprecision		MODERATE <sup>c</sup>
Wharff et al 2019 <sup>26</sup>						
Family functioning or empowerment	No serious limitations	Not relevant	No serious indirectness	Serious imprecision	Not relevant	MODERATE <sup>c</sup>
Suicidality		Not relevant	No serious indirectness			MODERATE <sup>c</sup>
Hospitalisation		Not relevant	No serious indirectness			MODERATE <sup>c</sup>

<sup>a</sup> downgraded from low due to serious limitations for risk of bias

<sup>b</sup> downgraded from low due to serious imprecision (no confidence intervals or power calculations)

<sup>c</sup> downgraded from high to moderate due to serious imprecision (no confidence intervals or power calculations)

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