

# Number of Outpatients Taking Cancer Chemotherapy

Summary	<p>Cancer Chemotherapy is one of the main stones of cancer treatments. Most of the chemotherapy is delivered in Outpatient Chemotherapy Center which is a facility to provide cancer chemotherapy safely.</p> <p>The graphs show the number of patients receiving chemotherapy in Outpatient Chemotherapy Center, the number of adverse events happened there and types of the events.</p> <p>It is possible to provide patients safe cancer chemotherapy by sharing number of patients receiving the chemotherapy and details of adverse events related to the chemotherapy with staff.</p>																																																																						
Data	<div data-bbox="427 689 1409 1153"> <p><b>利用者数の推移</b> Change in the number of patients using the center</p> <table border="1"> <caption>利用者数の推移 (2010-2022)</caption> <thead> <tr> <th>Year</th> <th>Number of Patients</th> </tr> </thead> <tbody> <tr><td>2010</td><td>14,024</td></tr> <tr><td>2011</td><td>14,748</td></tr> <tr><td>2012</td><td>14,289</td></tr> <tr><td>2013</td><td>14,387</td></tr> <tr><td>2014</td><td>13,964</td></tr> <tr><td>2015</td><td>13,648</td></tr> <tr><td>2016</td><td>13,409</td></tr> <tr><td>2017</td><td>12,885</td></tr> <tr><td>2018</td><td>13,082</td></tr> <tr><td>2019</td><td>13,391</td></tr> </tbody> </table> </div> <div data-bbox="279 1176 1361 1601"> <div style="display: flex; justify-content: space-around;"> <div data-bbox="279 1176 774 1601"> <p><b>診療科別 利用者割合 (2022年)</b> User Rate in clinical department (2022)</p> <table border="1"> <caption>診療科別 利用者割合 (2022年)</caption> <thead> <tr> <th>Clinical Department</th> <th>User Rate (%)</th> </tr> </thead> <tbody> <tr><td>Hematology</td><td>15%</td></tr> <tr><td>Gastroenterology</td><td>28%</td></tr> <tr><td>Breast and Endocrine Surg</td><td>13%</td></tr> <tr><td>Urology</td><td>14%</td></tr> <tr><td>Others</td><td>11%</td></tr> <tr><td>Obstetrics and Gynecology</td><td>6%</td></tr> <tr><td>Respiratory Medicine</td><td>5%</td></tr> <tr><td>Nephrology and Rheumatology</td><td>5%</td></tr> </tbody> </table> </div> <div data-bbox="798 1176 1361 1601"> <p><b>外来化学療法センター有害事象 (2022年)</b> Adverse events in the center (2022)</p> <table border="1"> <caption>外来化学療法センター有害事象 (2022年)</caption> <thead> <tr> <th>Adverse Event</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>Allergy/Overreaction</td><td>79</td></tr> <tr><td>Extravasation/Vasculitis</td><td>65</td></tr> <tr><td>Nausea/Heartburn</td><td>17</td></tr> <tr><td>Fever/Body Heat</td><td>14</td></tr> <tr><td>Skin Symptoms</td><td>11</td></tr> <tr><td>Circulatory System</td><td>9</td></tr> <tr><td>Abdominal Symptoms</td><td>7</td></tr> <tr><td>Dizziness/Lightheadedness</td><td>7</td></tr> <tr><td>Headache/Pain</td><td>6</td></tr> <tr><td>CV Port</td><td>6</td></tr> <tr><td>Alcohol Intolerance</td><td>5</td></tr> <tr><td>Respiratory System</td><td>3</td></tr> <tr><td>Syncope</td><td>3</td></tr> <tr><td>Others</td><td>30</td></tr> </tbody> </table> <p>n = 297</p> </div> </div> </div>	Year	Number of Patients	2010	14,024	2011	14,748	2012	14,289	2013	14,387	2014	13,964	2015	13,648	2016	13,409	2017	12,885	2018	13,082	2019	13,391	Clinical Department	User Rate (%)	Hematology	15%	Gastroenterology	28%	Breast and Endocrine Surg	13%	Urology	14%	Others	11%	Obstetrics and Gynecology	6%	Respiratory Medicine	5%	Nephrology and Rheumatology	5%	Adverse Event	Count	Allergy/Overreaction	79	Extravasation/Vasculitis	65	Nausea/Heartburn	17	Fever/Body Heat	14	Skin Symptoms	11	Circulatory System	9	Abdominal Symptoms	7	Dizziness/Lightheadedness	7	Headache/Pain	6	CV Port	6	Alcohol Intolerance	5	Respiratory System	3	Syncope	3	Others	30
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feedback	<p>How to share &amp; give</p> <p>Number of patients who receive cancer chemotherapy and details of adverse events are reported and shared in Chemotherapy Center Management Committee. Especially instructive adverse events are focused on as “this month’s cases,” and they are useful to update manuals.</p>																																																																						
Analysis	<p>More than 1,000 patients receive cancer chemotherapy in Outpatient Chemotherapy Center every month.</p> <p>Various clinical departments use the center, and Cancer Chemotherapy treatments for almost all types of cancers can be provided in the center.</p> <p>It is possible to understand adverse events that happen at the center. However, adverse events which may happen after a patient leaves the hospital cannot be grasped, which is a problem to be solved.</p>																																																																						