

LDH	106-211	IU/L	216	217		238	613	618
CRP	0.00-0.30	mg/dL	0.08	0.33		0.10	13.45	8.51
WBC	4000-9000	/uL	3600	3400		4100	10900	5700
Neut	40.0-71.9	%	59.7	57.3		68.9	94.2	91.7
PT-INR	0.84-1.29		0.89	0.94		0.96	1.12	1.22
ALT	4-44	IU/L				13		
FDP	0.0-5.0	ug/ml					20.1	123.0
CA15-3		U/ml	36.6		32.2			

Case 2: Recovered case

Patient Background	Occurrence of side effects, Progress of symptoms	
<p>Female, 70s</p> <p>Reason for use: Right breast cancer with pleural dissemination</p> <p>Abemaciclib (name of drug)</p> <p>Daily dose: 300mg (150 mg, twice daily) then reduced to 200 mg (100 mg, twice daily)</p>	<p>7 days before administration</p> <p>The day of start administration</p> <p>14 days after administration</p> <p>25 days after administration</p> <p>51 days after administration</p> <p>97 days after administration</p> <p>104 days after administration</p> <p>110 days after administration (the day of onset)</p> <p>2 days after onset</p> <p>3 days after onset</p> <p>5 days after onset</p> <p>6 days after onset</p> <p>13 days after onset</p> <p>20 days after onset</p> <p>28 days after onset</p> <p>33 days after onset (the day of outcome)</p> <p>47 days after onset</p>	<p>History of prior treatment:</p> <p>Approximately 20 years before administration of Abemaciclib: Neoadjuvant chemotherapy (no detailed information), breast-conserving surgery was conducted for right breast cancer (Stage IIB), radiation therapy for conserved right breast (chest 60 Gy) were conducted.</p> <p>Approximately 16 years before administration of Abemaciclib: Treatment by anastrozole tablets were started (Unknown whether this as a 1st line therapy or not).</p> <p>Approximately 15 years before administration of Abemaciclib: Capecitabine tablets were administered.</p> <p>Approximately 13 years before administration of Abemaciclib: Lumber resection (metastasis of breast cancer)</p> <p>Approximately 7 years before administration of Abemaciclib: Uterus and ovary resection (metastasis of breast cancer)</p> <p>Approximately 2 years before administration of Abemaciclib: Fulvestrant injection were administered.</p> <p>Approximately 1 year before administration of Abemaciclib: Eribulin mesilate product were administered. Bevacizumab (genetical recombination) injection were started in summer of that year.</p> <p>Approximately 4 months before administration of Abemaciclib: Letrozole tablets and Palbociclib capsule were administered.</p> <p>Concomitant drugs: Famotidine, Gosha - jinki - gan, Hange-shashin-to, pregabalin, furosemide tablets, polaprezinc</p> <p>CT scan observation of lung area were normal. No respiratory symptoms such as cough and dyspnea.</p> <p>Stomatitis was observed during the treatment by letrozole tablets and palbociclib capsules. Administration of Abemaciclib 150 mg twice daily and letrozole tablets started for breast cancer. At the time of start of Abemaciclib PS was 0.</p> <p>Creatinine increased and hypercalcemia (non serious) occurred. Abemaciclib was discontinued.</p> <p>After recovery from creatinine increase and hypercalcaemia, administration of Abemaciclib at reduced dose of 100 mg, twice daily restarted.</p> <p>CT: Reduction of pleural effusion observed, interstitial shadow in the lung area was not observed, pleural dissemination reduced, tumor marker decreased (detailed test values were not available) , no respiratory symptoms.</p> <p>Body temperature 38.5 Celsius degree</p> <p>Body temperature was 38s Celsius degree and returned to normal. Patient’s symptoms were monitored. No respiratory symptoms such as cough were noted.</p> <p>Patient felt dyspnea from the morning, which exacerbated in the late afternoon. She visited the emergency department at night.</p> <p>Body temperature 37 Celsius degree, PaO₂ 58.3mmHg. By oxygen inhalation (reservoir mask 10 L/min, mechanical ventilator was not used) SpO₂ in the 90% range was maintained. Ground glass opacity was observed in the bilateral upper lobes, lower lobe, right middle lobe of the lung by CT scan.</p> <p>Sputum culture and mycoplasma antigen examination were negative. Influenza test, cytomegalovirus antigen examination, drug induced lymphocyte stimulation test, bronchoalveolar lavage and biopsy were not conducted.</p> <p>Patient was diagnosed with interstitial lung disease (drug induced pneumonia) and hospitalized. Abemaciclib was terminated. 3 days of pulse therapy by methylprednisolone sodium succinate 1000 mg/day was conducted from this day. Tazobactam/Piperacillin hydrate 4.5 g, three times per day were administered for 5 days.</p> <p>KL-6 2979 U/mL, beta-D glucan <6.0 pg/mL, SP-D 955.9 ng/mL</p> <p>Pulse administration of steroid for 3 days and then oral steroid administration 60 mg/day was started.</p> <p>Reservoir mask oxygen was 8 L/min.</p> <p>Reservoir mask oxygen was reduced to 6 L/min.</p> <p>Oral steroid was reduced to 40 mg/day.</p> <p>KL-6 2932 U/mL, oxygen inhalation was terminated. Oral steroid was reduced to 30 mg/day.</p> <p>Oral steroid was reduced to 25 mg/day.</p> <p>CT: Ground glass opacity almost returned to normal, therefore patient was considered to have recovered from interstitial lung disease. Oral steroid was reduced to 20mg.</p> <p>Due to decreased strength, patient was kept hospitalized and progress of the symptoms was observed. Patient was doing rehabilitation. Patient was able to go outside and stay overnight out of hospital.</p>

Laboratory test values

Test Item	Unit	4 days after onset	6 days after onset	9 days after onset	13 days after onset	16 days after onset	20 days after onset
WBC	uL	8140	7090	6290	9750	8290	8190
Neut	uL	6950	5790	4480	7250	6070	5880
CRP	mg/dL	2.0	1.1	0.32	0.09	0.05	1.52
LDH	IU/L	478	358	368	305	314	286