Dear Doctor

Airline travel has some unique features that must be considered for certain passengers, so please note the following information before filling out the form.

※ Key features that must be considered

a. **Reduced oxygen pressure**: The ambient partial pressure of oxygen in flight is 25~30% lower than on the ground. If a passenger has heart/lung disease or anemia, supplemental oxygen may be required during flight.
   e.g. A passenger travelling within the first 2 weeks of having a stroke or having a Hgb level that is less than 8.5g/dl, should receive supplementary oxygen.

b. **Reduced atmospheric pressure**: Cabin air pressure changes greatly during takeoff and landing and expansion and contraction of gas in body cavities can cause pain and effect surgical suture sites.
   e.g. Allow 10 days after major abdominal surgery and 7 days after full inflation of pneumothorax (14 days after inflation for traumatic pneumothorax) to fly.

c. **Turbulence**: Spinal disease can be worsened by sudden turbulence and impact from landing.
   e.g. If the patient cannot sit in a normal seat for consecutive hours but can sit upright during take-off and landing, please use prestige class.
   If the patient cannot sit upright, please use a stretcher.

d. **Absence of advanced medical care**: Please be advised that cabin attendents cannot provide special assistance to patient passengers. Also, they are only trained for first aid and are not permitted to give medication or administer any injection.

e. **Increased risk of deep vein thrombosis**: Please consider DVT prophylaxis for any passenger who is elderly, has a history of cancer had recent surgery (major hip, knee, or ankle) or trauma as sitting immobilized in a cramped seat may increase the risk of deep vein thrombosis.
   e.g. Consider DVT prophylaxis in cases of longer travel (> 6hrs) within the first 6 weeks after surgery.

f. **Passenger using stretcher**: In order for safe transportation into the cabin, passengers using stretchers must be transported by medically licensed emergency personnel. Please be advised that at least two emergency personnel should accompany the passenger depending on the patient's health condition.

※ For further information, please refer to the IATA Medical Manual.

Koreanair Aeromedical Center
### MEDIF Medical Information Form

<table>
<thead>
<tr>
<th>1</th>
<th>Patient Name, Age, Sex M / F, Height(cm), Weight(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Purpose of air travel</td>
</tr>
<tr>
<td></td>
<td>□ Treatment/Transfer       □ Hopeless Discharge       □ Discharge       □ Travel</td>
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<td></td>
<td>□ Other</td>
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</tbody>
</table>

* Fill in the chief complaint and current symptoms in detail. *

<table>
<thead>
<tr>
<th>3</th>
<th>Diagnosis</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>a. Chief complaint</td>
</tr>
<tr>
<td></td>
<td>b. Current symptoms</td>
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<tr>
<td></td>
<td>c. Treatment</td>
</tr>
<tr>
<td></td>
<td>d. Recent surgery □ Yes □ No</td>
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<tr>
<td></td>
<td>The name of operation</td>
</tr>
<tr>
<td></td>
<td>Complications □ Yes □ No</td>
</tr>
<tr>
<td></td>
<td>e. Recent hospitalization □ Yes □ No</td>
</tr>
<tr>
<td></td>
<td>f. Contagious □ Yes □ No</td>
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<tr>
<td></td>
<td>f. Contagious (If YES, type of bacteria/virus and Detected area : )</td>
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</tbody>
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<thead>
<tr>
<th>4</th>
<th>Vital signs</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>BP / mmHg, PR /min, RR /min, BT °C, SpO2 %</td>
</tr>
<tr>
<td></td>
<td>Mental Status □ Alert □ Drowsy □ Stupor □ Semi-coma □ Coma</td>
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</tbody>
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<thead>
<tr>
<th>5</th>
<th>Underlying disease □ Yes □ No</th>
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<tbody>
<tr>
<td></td>
<td>Is his/her underlying disease controlled well? □ Yes □ No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6</th>
<th>Seat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a. Able to walk alone □ Yes □ No</td>
</tr>
<tr>
<td></td>
<td>b. Wheelchair required □ Yes □ No</td>
</tr>
<tr>
<td></td>
<td>c. Type of seat required □ Economy class □ Prestige class □ Stretcher</td>
</tr>
</tbody>
</table>

* Economy: If the patient can sit in a normal seat for several hours and can sit upright during take-off and landing.  
* Prestige: If the patient cannot sit in a normal seat for hours but can sit upright during take-off and landing.  
* Stretcher: If the patient cannot sit upright.  

<table>
<thead>
<tr>
<th>7</th>
<th>Medical Escort</th>
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<tbody>
<tr>
<td></td>
<td>a. Does the patient need to be accompanied? □ Yes □ No</td>
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</tbody>
</table>

* A passenger with mobility difficulties should be accompanied, and the those who need medical management should be accompanied by medical staff.  

<table>
<thead>
<tr>
<th>8</th>
<th>Medication ( □ Yes , □ No )</th>
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<tbody>
<tr>
<td></td>
<td>a. If yes, □ Orally □ IV or IM □ Other</td>
</tr>
<tr>
<td></td>
<td>b. Medication list :</td>
</tr>
<tr>
<td></td>
<td>c. Will the patient take any of the medications (noted above) during flight? □ Yes □ No</td>
</tr>
</tbody>
</table>
9 Medical equipment needed during flight  (Check only when applicable)
   □ IV line   □ Foley catheter   □ Nasogastric tube   □ Oximeter
   □ Ventilator (Mode, TV, RR, FiO2)   □ BP monitor
   □ Suction kit   □ Tracheostomy   □ Intubation   □ Chest tube
   □ Infusion pump   □ Nebulizer   □ Splint/Cast   □ Other __________

* All medical equipment necessary during flight should be prepared on the passenger’s side, other than oxygen and a stretcher.
* For ventilator use, please confirm that its connector type matches the Korean Air medical oxygen bottle.
* Any necessary supply of electricity should be battery powered.
* IV fluid should be prepared in plastic bag type and requires medical staff accompaniment.

10 Anemia ( □ Yes , □ No )
   a. Hgb ___________ g/dl
   * If Hgb is less than 8.5g/dl, in-flight oxygen is advised.

11 Oxygen needed in flight ( □ Yes , □ No )
   a. Oxygen needed on ground  □ Yes □ No
   b. Oxygen type in flight  □ Korean Air Medical oxygen □ POC(prepared by passenger)
   c. Oxygen flow rate __________ L/min  □ Continuous □ Intermittent □ Prepare
   d. Mask type  □ Nasal cannula □ Facial mask □ Bag valve mask
      □ Reservoir oxygen mask □ Other _______________

* Korean Air Medical Oxygen is available in 2~8L/min.

12 Respiratory disease ( □ Yes , □ No )
   a. Has the patient's condition deteriorated recently? □ Yes □ No
   b. Does the patient have dyspnea? □ Yes □ No
   c. ABGA  When _______PH _______ PCO₂ _______ PO₂ _______ SaO₂ _______%
      (Blood gases were taken on □ Oxygen _____ L/min □ Room air )
   d. O₂ Saturation  When _______ Sat _______% (Blood gases were taken on □ Oxygen _____ L/min □ Room air )
   e. Can the patient walk 100meters at a normal pace without any symptoms? □ Yes □ No
   f. Chest test result (X-ray, CT etc.)  When Result __________________

13 Cardiac disease ( □ Yes , □ No )
   a. When was the last episode? _____________________________
   b. Stable condition □ Yes □ No
   c. Is this patient controlled with medication? □ Yes □ No
   d. Functional class (NYHA class)  □ Class I □ Class II □ Class III □ Class IV
   e. Last EKG  When _______ Result _____________________________
   f. Echocardiogram  When _______ Result ___________________________ EF: %
   g. Angioplasty / Coronary bypass  When _______ Result ___________________________
### 14 Cerebral Vascular Accident (Ischemic Stroke, Cerebral Hemorrhage) (☐ Yes, ☐ No)

- a. Recent recurrence, deterioration  ☐ Yes  ☐ No
- b. Brain CT/MRI  
  When __________  Result ______________
- c. Motor power grade (R/L)  
  Upper extremity / Lower extremity /

* Passenger travelling within the first 2 weeks of having a stroke is recommended to receive supplementary oxygen.

### 15 Trauma (☐ Yes , ☐ No)

- a. The reason  
  ☐ Motor vehicle accident  ☐ Fall down  ☐ Burn  ☐ Other ______________
- b. Traumatic brain injury  ☐ Yes  ☐ No  
  If yes, give details ______________
- c. Brain CT/MRI  
  When __________  Result ______________
- d. Internal organ injury  ☐ Yes  ☐ No  
  If yes, give details ______________
- e. Thoracic/Orthopedic injury(fracture)  ☐ Yes  ☐ No  
  If yes, give details ______________

### 16 Psychiatric disorder (☐ Yes , ☐ No)

- a. Is there a possibility that the patient will become agitated during flight?  ☐ Yes  ☐ No
- b. Is there a possibility of injury to oneself or another?  ☐ Yes  ☐ No
- c. Is the patient controlled with medication?  ☐ Yes  ☐ No

### 17 Epilepsy disorder (Seizure) (☐ Yes , ☐ No)

- a. Seizure type ______________
- b. Frequency/Duration ______________
- c. When was the last seizure? ______________
- d. Is the patient controlled with medication?  ☐ Yes  ☐ No

### 18 Cancer (☐ Yes , ☐ No)

- a. Location, Stage ______________
- b. Chemotherapy or Radiotherapy  ☐ Yes  ☐ No  
  If yes, when? ______________
- c. Metastasis  ☐ Yes  ☐ No  
  If yes, where? ______________
- d. Pain control  ☐ Yes  ☐ No  
  If yes, how? ______________

### 19 DNAR(Do Not Attempt Resuscitation) (☐ Yes , ☐ No)

### 20 Based on the above considerations, indicate the prognosis for the trip

☐ FIT TO TRAVEL  ☐ NOT FIT TO TRAVEL  
If no, the reason ______________

Other opinion (Special precautions for travel) ______________

Please ensure that all sections are filled out clearly.

This MEDIF form is used to evaluate the patient passenger’s health status by a Korean Air aviation medical doctor. Korean Air may contact the attending physician for further information, if needed. So, please write down an email address or phone number where we can reach you.

<table>
<thead>
<tr>
<th>Physician Name</th>
<th>License no.</th>
<th>Specialist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobile phone</td>
<td>E-mail</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Hospital name/stamp</td>
<td></td>
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</tbody>
</table>