|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | Entire cohort | Hong Kong | Singapore | P value |
|   | **N** | **%** | **N** | **%** | **N** | **%** |  |
| Total | 39 | 100 | 28 | 100 | 11 | 100 |  |
|  |  |  |  |  |  |  |  |
| Sex |  |  |  |  |  |  | 1 |
|  Male | 30 | 77 | 21 | 75 | 9 | 82 |  |
|  Female | 9 | 23 | 7 | 25 | 2 | 18 |  |
|  |  |  |  |  |  |  |  |
| Age of diagnosis (years) (mean±SD) | 10.2±4.1 | - | 10.7±4.0 | - | 8.9±4.0 | - | 0.208 |
|  |  |  |  |  |  |  |  |
| Patient HBsAg |  |  |  |  |  |  | 0.713 |
|  Positive | 19 | 49 | 15 | 54 | 4 | 36 |  |
|  Negative | 19 | 49 | 13 | 46 | 6 | 55 |  |
|  NA | 1 | 3 | 0 | 0 | 1 | 9 |  |
|  |  |  |  |  |  |  |  |
| Period of diagnosis |  |  |  |  |  |  | 1 |
|  1993-2001 | 19 | 49 | 14 | 50 | 5 | 46 |  |
|  2002-2017 | 20 | 51 | 14 | 50 | 6 | 55 |  |
|   |  |  |  |  |  |  |  |
| ALP (IU/L) (mean±SD) | 267±195 | - | 280±210 | - | 212±102 | - | 0.264 |
| ALT (IU/L) (mean±SD) | 287±1151 |  | 91±86 |  | 947±2401 |  | 0.347 |
| AFP (ng/ml) (mean±SD) | 500598±1350405 | - | 652868±1551061 | - | 74244±74283 | - | 0.059 |
|   |  |  |  |  |  |  |  |
| Lobe involvement |  |  |  |  |  |  | 1 |
|  Left | 6 | 15 | 5 | 18 | 1 | 9 |  |
|  Right | 11 | 28 | 8 | 29 | 3 | 27 |  |
|  Bilateral | 19 | 49 | 14 | 50 | 5 | 45 |  |
|  NA | 3 | 8 | 1 | 4 | 2 | 18 |  |
|  |  |  |  |  |  |  |  |
| Portal vein involvement |  |  |  |  |  |  | 1 |
|  Yes | 7 | 18 | 5 | 18 | 2 | 18 |  |
|  No | 27 | 69 | 19 | 68 | 8 | 73 |  |
|  NA | 5 | 13 | 4 | 14 | 1 | 9 |  |
|  |  |  |  |  |  |  |  |
| Distant metastasis |  |  |  |  |  |  | 0.725 |
|  Yes | 17 | 44 | 13 | 46 | 4 | 36 |  |
|  No | 20 | 51 | 14 | 50 | 6 | 55 |  |
|  NA | 2 | 5 | 1 | 4 | 1 | 9 |  |
|  |  |  |  |  |  |  |  |
| Regional lymph node  |  |  |  |  |  |  | 0.557 |
|  Involved | 4 | 10 | 4 | 14 | 0 | 0 |  |
|  Not involved | 33 | 85 | 23 | 82 | 10 | 91 |  |
|  NA | 2 | 5 | 1 | 4 | 1 | 9 |  |
|  |  |  |  |  |  |  |  |
| Definitive resection |  |  |  |  |  |  | 0.458 |
|  Yes | 16 | 41 | 11 | 39 | 5 | 45 |  |
|  No | 21 | 54 | 17 | 61 | 4 | 36 |  |
|  NA | 2 | 5 | 0 | 0 | 2 | 18 |  |

*AFP, alpha fetoprotein; ALP, alkaline phosphatase; HBsAg, hepatitis B surface antigen; NA, not available; SD, standard deviation*

**Supplementary Table S2. Demographics, biochemical, radiographical characteristics according to study region.**