Table S1: Patient Characteristics in Phase I

| Patients characteristics | All (n=388) |
| :--- | :--- |
| Age (year) | $54 \pm 15$ |
| Gender, n (\%) | $213(54.9)$ |
| Male | $175(45.1)$ |
| Female | $154(39.7)$ |
| Ethnic group, n (\%) | $151(38.9)$ |
| $\quad$ Malay | $79(20.3)$ |
| Chinese | $4(1.1)$ |
| Indian | $304(78.3)$ |
| Others | $79(20.4)$ |
| Marital status, n (\%) | $5(1.3)$ |
| Married | $27(7)$ |
| Single | $93(24)$ |
| Others | $176(45.4)$ |
| Education level, $\mathrm{n}(\%)$ | $92(23.6)$ |
| No formal education |  |
| Primary | $102(26.3)$ |
| Secondary | $286(73.7)$ |
| Tertiary, | $78 \pm 74$ |
| (college/university) |  |
| Working status, $\mathrm{n}(\%)$ | $61.7 \pm 14.7$ |
| Yes | $158 \pm 9$ |
| No | $24.6 \pm 5.2$ |
| Dialysis Vintage (months) |  |
| Post-dialysis weight (kg) |  |
| Height (cm) |  |
| Body Mass Index (kg/m²) |  |

Note: Data are presented as mean $\pm$ SD unless stated as percentage (\%).

Table S2: Food item listing in the prototype HD-FFQ

| No. | Food Groupings | Subgroups | Total food items |
| :---: | :---: | :---: | :---: |
| 1. | Cooked rice | - | 6 |
| 2. | Noodles | 5 subgroups: | 10 |
|  |  | (a) Rice/starch |  |
|  |  | noodles |  |
|  |  | (b) Wheat noodles |  |
|  |  | (c) Instant noodles |  |
|  |  | (d) Pasta |  |
|  |  | (e) Others |  |
| 3. | Cereals \& products | 4 subgroups: | 15 |
|  |  | (a) Biscuits |  |
|  |  | (b) Bread |  |
|  |  | (c) Bun/croissant |  |
|  |  | (d) Others |  |
| 4. | Meat, poultry \& products | (d) | 6 |
| 5. | Fish, shellfish \& products | - | 6 |
| 6. | Legumes | - | 4 |
| 7. | Vegetables | - | 6 |
| 8. | Fruit | - | 13 |
| 9. | Fast foods | - | 4 |
| 10. | Milk \& dairy products | - | 2 |
| 11. | Traditional kuih | 3 subgroups: | 6 |
|  |  | (a) Malay kuih |  |
|  |  | (b) Chinese kuih |  |
|  |  | (c) Indian kuih |  |
| 12. | Bakery \& sweets | - | 4 |
| 13. | Snacks \& finger foods | - | 11 |
| 14. | Jam \& spread | - | 4 |
| 15. | Beverages | 3 subgroups: | 10 |
|  |  | (a) Coffee/tea |  |
|  |  | (b) Malted drink |  |
|  |  | (c) Others |  |
| 16. | Sauces, condiments \& | - | 9 |
|  | soups |  |  |
| 17. | Health/oral nutrition | - | 2 |
|  | supplements |  |  |
|  |  | Total food items | 118 |

Table S3: Conversion factor for the frequency of food item intake

| Frequency of intake | Conversion Factor |
| :--- | :--- |
| Per day | $1 / 1=1.00$ |
| Per week | $1 / 7=0.14$ |
| Per month | $1 / 30=0.03$ |

Figure S1: Bland-Altman Plot for dietary intakes derived by HD-FFQ and 3DDR methods


(G)

(H)

(I)

Note: Bland-Altman plots visualizing the agreement between the HD-FFQ and 3DDR to assess the intake of (A) Energy, (B) Carbohydrate, (C) Protein, (D) Fat, (E) Sodium, (F) Potassium, (G) Phosphate, (H) Calcium, and (I) Iron. For all plots, the middle line represent the mean differences between the HDFFQ and 3DDR and limits of agreement (dotted line) indicates the $95 \%$ confidence interval (mean $\pm 1.96$ SD). The linear regressions produced significant p-values ( $<0.05$ ) for all nutrients except for calcium: $\mathrm{p}=$ 0.46 and iron: $\mathrm{p}=0.05$. The significant values indicates that the Bland-Altman plot is skewed (i.e. the difference in absolute intakes increased with increasing average intake, with the mean of HD-FFQ produce a higher estimates than the average 3DDR).

Table S4: Summary of comments from the expert and lay person

| No. | Open comments | Commenter |
| :---: | :--- | :---: |
| 1. | Layout easy to follow and the food items are relevant to <br> local foods. | Nephrologist 1 |
| 2. | The HD-FFQ are not too long, but can consider to separate <br> the questionnaire into two parts since patients might have <br> short attention span. | Nephrologist 2 |
| 3. | Suggest to show the household measure to patients during <br> the administration of HD-FFQ. To improve patients portion <br> size estimation. | Dietitian 1 |
| 4. | May consider to translate the HD-FFQ to 'Bahasa' or <br> 'Mandarin' language. | Dietitian 2 |
| 5. | Usual food item consumption is available in the HD-FFQ. <br> 6. | Questionnaire is clear and easy to understand, but may <br> consider to increase the font size as most of the dialysis <br> patients are elderly. | Patient 1 | Patient 2 |
| :--- |

Table S5: Food item listing in the final HD-FFQ

| No. | Food Groupings | Subgroups | Total food items |
| :---: | :---: | :---: | :---: |
| 1. | Cooked rice | - | 7 |
| 2. | Noodles | 5 subgroups: | 12 |
|  |  | (a) Rice/starch noodles |  |
|  |  | (b) Wheat noodles |  |
|  |  | (c) Instant noodles |  |
|  |  | (d) Pasta |  |
|  |  | (e) Others |  |
| 3. | Cereals \& products | 4 subgroups: | 15 |
|  |  | (a) Biscuits |  |
|  |  | (b) Bread |  |
|  |  | (c) Bun/croissant |  |
|  |  | (d) Others |  |
| 4. | Meat, poultry \& products | - | 7 |
| 5. | Fish, shellfish \& products | - | 5 |
| 6. | Legumes | - | 3 |
| 7. | Vegetables | - | 6 |
| 8. | Fruit | - | 14 |
| 9. | Fast foods | - | 5 |
| 10. | Milk \& dairy products | - | 2 |
| 11. | Traditional kuih | 3 subgroups: | 7 |
|  |  | (a) Malay kuih |  |
|  |  | (b) Chinese kuih |  |
|  |  | (c) Indian kuih |  |
| 12. | Bakery \& sweets | - | 4 |
| 13. | Snacks \& finger foods | - | 9 |
| 14. | Jam \& spread | - | 4 |
| 15. | Beverages | 3 subgroups: | 11 |
|  |  | (a) Coffee/tea |  |
|  |  | (b) Malted drink |  |
|  |  | (c) Others |  |
| 16. | Sauces, condiments \& soups | - | 10 |
| 17. | Health/oral nutrition supplements | - | 2 |
|  |  | Total food items | 123 |

Subject Code:

| No. | Food | Taken (yes/no) | Frequency |  |  |  | Household measurements | Portion taken | $\begin{gathered} \text { Extra } \\ \text { gravy } \\ (1 \mathrm{Tbsp}) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { per } \\ & \text { day } \end{aligned}$ | per week | per month | rarely |  |  |  |
| Cooked Rice |  |  |  |  |  |  |  |  |  |
| 1 | White rice |  |  |  |  |  | 1 small bowl |  |  |
| 2 | Brown rice/Parboiled rice |  |  |  |  |  | 1 small bowl |  |  |
| 3 | Nasi ayam*/Claypot (*Fried/roasted/steamed chicken) |  |  |  |  |  | 1 serving |  |  |
| 4 | Nasi lemak (Standard set) |  |  |  |  |  | 1 small bowl |  |  |
| 5 | Fried rice |  |  |  |  |  | 1 medium bowl |  |  |
| 6 | Nasi Minyak/Beriani |  |  |  |  |  | 1 medium bowl |  |  |
| 7 | Porridge (Plain/Chicken/Fish/Pork) |  |  |  |  |  | 1 medium bowl |  |  |
| Noodles |  |  | please specify the amount of extra gravy if any |  |  |  |  |  |  |
| A | Rice / Starch noodles (Mee hoon/Kuey teow/Loh see fun/Tang hoon) |  |  |  |  |  |  |  |  |
| 8 | Fried/Dried |  |  |  |  |  | 1 medium bowl |  |  |
| 9 | Soup |  |  |  |  |  | 1 medium bowl |  |  |
| 10 | Curry |  |  |  |  |  | 1 medium bowl |  |  |
| 11 | Laksa/Cantonese |  |  |  |  |  | 1 medium bowl |  |  |
| B | Wheat noodles (Yellow noodle/Wanton mee/Yee mee/Pan mee/Lor mee/Ramen/Misua/Udon) |  |  |  |  |  |  |  |  |
| 12 | Fried/Dried |  |  |  |  |  | 1 medium bowl |  |  |
| 13 | Soup |  |  |  |  |  | 1 medium bowl |  |  |
| 14 | Curry/Rebus |  |  |  |  |  | 1 medium bowl |  |  |
| 15 | Cantonese/Hokkien |  |  |  |  |  | 1 medium bowl |  |  |
| C | Instant noodles |  |  |  |  |  |  |  |  |
| 16 | Fried/Dried |  |  |  |  |  | 1 packet (m) |  |  |
| 17 | Soup |  |  |  |  |  | 1 packet (m) |  |  |
| D | Pasta (Fettucini/Spaghetti/Macaroni) |  |  |  |  |  |  |  |  |
| 18 | Fried/Sauce* <br> (*White: Carbonara / Red; Bolognaise) |  |  |  |  |  | 1 medium bowl |  |  |
| E | Others |  |  |  |  |  |  |  |  |
| 19 | Chee Cheong Fun (Plain/Char siew/Prawn) |  |  |  |  |  | 1 piece |  |  |
| Cereals and products |  |  |  |  |  |  |  |  |  |
| A | Biscuits |  |  |  |  |  |  |  |  |
| 20 | Sweet <br> (Cream filling/Marie/jam, etc.) |  |  |  |  |  | 1 piece |  |  |
| 21 | Salty <br> (Cream cracker, etc.) |  |  |  |  |  | 1 piece |  |  |
| B | Bread |  |  |  |  |  |  |  |  |
| 22 | White |  |  |  |  |  | 1 slice |  |  |
| 23 | Wholegrain/High fibre |  |  |  |  |  | 1 slice |  |  |
| C | Bun/Croissant |  |  |  |  |  |  |  |  |
| 24 | Plain |  |  |  |  |  | 1 piece |  |  |
| 25 | Sweet filling/Flavoured (Vanilla/chocolate/corn/kaya/red bean/butter/coffee, etc.) |  |  |  |  |  | 1 piece |  |  |
| 26 | Savoury <br> (Meat filling/Chicken floss/Ba kua/French toast/Mushroom, etc.) |  |  |  |  |  | 1 piece |  |  |
| D | Others |  |  |  |  |  |  |  |  |
| 27 | Roti canai (Plain) |  |  |  |  |  | 1 piece |  |  |
| 28 | Roti canai (Egg/sardine) |  |  |  |  |  | 1 piece |  |  |

Subject Code:

| No | Food | Taken (yes/no) | Preparation Method | Frequency |  |  |  | Household measurements | Portion taken | $\begin{gathered} \text { Extra } \\ \text { gravy } \\ \text { (1 Tbsp) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | per <br> day | per week | per month | rarely |  |  |  |
| D | Others |  |  |  |  |  |  |  |  |  |
| 29 | Chapati |  |  |  |  |  |  | 1 piece |  |  |
| 30 | Thosai |  |  |  |  |  |  | 1 piece |  |  |
| 31 | Idli |  |  |  |  |  |  | 1 piece |  |  |
| 32 | Oats |  |  |  |  |  |  | 1 tablespoon |  |  |
| 33 | Cereal Beverage (Eg: Nestum) (Plain/Condensed milk) |  |  |  |  |  |  | 1 glass |  |  |
| 34 | Cereal Beverage (Eg: Nestum) (3 in 1) |  |  |  |  |  |  | 1 sachet |  |  |
| Meat, Poultry \& Products |  |  |  | lease specify amount of extra gravy if any |  |  |  |  |  |  |
| 35 | Chicken |  | Fried/stir fried/grilled/ braised/ masak kicap |  |  |  |  | 1 matchbox |  |  |
|  |  |  | Curry/rendang/lemak/sambal /satay |  |  |  |  | 1 matchbox |  |  |
|  |  |  | Steamed/soup |  |  |  |  | 1 matchbox |  |  |
| 36 | Beef/Mutton/Lamb |  | Fried/curry/ rendang/masak lemak/stir fried/masak kicap/satay |  |  |  |  | 1 matchbox |  |  |
|  |  |  | Soup/masak pinang |  |  |  |  | 1 matchbox |  |  |
| 37 | Pork |  | Fried/stir fried/grilled/ braised/masak kicap/roasted |  |  |  |  | 1 matchbox |  |  |
|  |  |  | Steamed/soup |  |  |  |  | 1 matchbox |  |  |
| 38 | Egg (with egg yolk) <br> (Chicken/Duck/Quail) |  | Fried/omelettel scrambled/sambal |  |  |  |  | 1 whole |  |  |
|  |  |  | Curry/gulai |  |  |  |  | 1 whole |  |  |
|  |  |  | Boiled |  |  |  |  | 1 whole |  |  |
|  |  |  | Salted |  |  |  |  | 1 whole |  |  |
|  |  |  | Steamed |  |  |  |  | 1 whole |  |  |
|  |  |  | Preserved/ Century |  |  |  |  | 1 whole |  |  |
|  | Egg (white only) <br> (Chicken/Duck/Quail) |  | Fried/omelette/ scrambled/ sambal |  |  |  |  | 1 whole |  |  |
|  |  |  | Curry/gulai |  |  |  |  | 1 whole |  |  |
|  |  |  | Boiled |  |  |  |  | 1 whole |  |  |
|  |  |  | Salted |  |  |  |  | 1 whole |  |  |
|  |  |  | Steamed |  |  |  |  | 1 whole |  |  |
|  |  |  | Preserved/Century |  |  |  |  | 1 whole |  |  |
| Processed food |  |  |  |  |  |  |  |  |  |  |
| 39 | Nugget/Sausage/Meatball |  | Fried/stir fried |  |  |  |  | 1 piece |  |  |
|  | Ham/Pork/Bacon) |  | Steamed/Boiled/Soup |  |  |  |  | 1 piece |  |  |
| Internal Organs * |  | *please specify amount of extra gravy if any |  |  |  |  |  |  |  |  |
| 40 | Beef/Chicken/Pork (Gizzard/Liver/Intestine/ Lung/Heart) |  | Sambal/masak lemakfried/boiled |  |  |  |  | 1 matchbox |  |  |
| Fish, Shellfish \& Products *p |  | *please specify amount of extra gravy if any |  |  |  |  |  |  |  |  |
| 41 | Anchovies (Ikan Bilis) |  | Fried/stir fried/sambal |  |  |  |  | 1 tablespoon |  |  |
| 42 | Sea fish <br> (Kembong/Bawal/Kerapu/ Kerisi/Merah/Parang/Salmon/S ardine/Selar/Siakap/Tenggiri, etc.) |  | Fried/stir fried/masak kicap |  |  |  |  | 1 matchbox |  |  |
|  |  |  | Curry/sambal/masak lemak |  |  |  |  | 1 matchbox |  |  |
|  |  |  | Steamed/soup/singgang |  |  |  |  | 1 matchbox |  |  |
|  |  |  | Canned |  |  |  |  | 1 matchbox |  |  |

## Subject Code:



## Subject Code:

| No | Food | Taken (yes/no) | Preparation method | Frequency |  |  |  | Household measurements | Portion taken | Extra gravy (1 Tbsp) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | per day | per week | per month | rarely |  |  |  |
| Fruit *please specify |  |  | 'Flavour | g : As | oi/ | f take | ether | fruit |  | Asam Boi/Salt (1 tbsp) |
| 56 | Apple/Pear |  |  |  |  |  |  | 1 piece |  |  |
| 57 | Banana |  |  |  |  |  |  | 1 medium piece |  |  |
| 58 | Dates (Kurma) |  |  |  |  |  |  | 1 piece |  |  |
| 59 | Seasonal fruit (Duku/Langsat/Rambutan) |  |  |  |  |  |  | 1 piece |  |  |
| 60 | Durian |  |  |  |  |  |  | 1 seed |  |  |
| 61 | Grapes |  |  |  |  |  |  | 1 piece |  |  |
| 62 | Guava |  |  |  |  |  |  | 1 slice |  |  |
| 63 | Mango |  |  |  |  |  |  | 1slice |  |  |
| 64 | Nangka |  |  |  |  |  |  | 1 piece |  |  |
| 65 | Citrus fruit (Orange/Limau Mandarin) |  |  |  |  |  |  | 1 piece |  |  |
| 66 | Papaya |  |  |  |  |  |  | 1 slice |  |  |
| 67 | Pineapple |  |  |  |  |  |  | 1 slice |  |  |
| 68 | Melon (Watermelon/Honeydew) |  |  |  |  |  |  | 1 slice |  |  |
| 69 | Starfruit |  |  |  |  |  |  | 1 whole |  |  |
| Fast foods |  |  |  |  |  |  |  |  |  |  |
| 70 | Fried chicken (KFC, McD, etc.) |  |  |  |  |  |  | 1 piece |  |  |
| 71 | French fries/Potato wedges |  |  |  |  |  |  | 1 small bowl |  |  |
| 72 | Pizza |  |  |  |  |  |  | 1 medium slice |  |  |
| 73 | Burger (Beef/Chicken/Fish) |  |  |  |  |  |  | 1 whole (m) |  |  |
| 74 | Salad/Coleslaw |  |  |  |  |  |  | 1 small bowl |  |  |
| Milk \& Dairy products |  |  |  |  |  |  |  |  |  |  |
| 75 | Low fat milk powder (Omega/Anlene, etc.) |  |  |  |  |  |  | 1 tablespoon |  |  |
| 76 | Full cream milk powder (Fernleaf/Dutchlady,etc.) |  |  |  |  |  |  | 1 tablespoon |  |  |
| Traditional Kuih |  |  |  |  |  |  |  |  |  |  |
| A | Malay Kuih |  |  |  |  |  |  |  |  |  |
| 77 | Fried <br> (Pisang goreng/Cucur udang/Cucur bilis/Cucur sayur/Cekodok/Roti jala/Rempeyek/Pau Sambal/Karipap) |  |  |  |  |  |  | 1 piece |  |  |
| 78 | Sweet <br> (Kuih bingka/Lempeng/Apam balik/Kuih Bakar/Kuih Ketayap/Bahulu/Kuih Kasui/Seri Muka/Kuih Koci/Kuih Talam) |  |  |  |  |  |  | 1 piece |  |  |
| B | Chinese Kuih |  |  |  |  |  |  |  |  |  |
| 79 | Fried Kuih <br> (Eg: Yau Zha Kuih/Ham Chi Ping) |  |  |  |  |  |  | 1 piece |  |  |
| 80 | Steamed kuih <br> (Pau Pork/Chocolate/Kaya/Coconut/Bak Tong Gou/Ang Koo Kueh) |  |  |  |  |  |  | 1 piece |  |  |
| 81 | Steamed Dumpling <br> (Rice dumpling, Bak Zang/Loh mai kai/Loh mai fan) |  |  |  |  |  |  | 1 piece |  |  |
| C | Indian Kuih |  |  |  |  |  |  |  |  |  |
| 82 | Fried (Vadai/Samosa) |  |  |  |  |  |  | 1 piece |  |  |
| 83 | Steamed (Idiyappam/Puttu) |  |  |  |  |  |  | 1 piece |  |  |
| Bakery \& Sweets |  |  |  |  |  |  |  |  |  |  |
| 84 | Cakes <br> (Plain/Sponge cake) |  |  |  |  |  |  | 1 slice |  |  |
| 85 | Cakes, Cream/Flavoured (Banana/Carrot/Chocolate/Red velvet/Tiramisu/Butter/Cheese, etc.) |  |  |  |  |  |  | 1 slice |  |  |
| 86 | Doughnut (Plain/Sugar/lcing) |  |  |  |  |  |  | 1 piece |  |  |
| 87 | Jelly/Agar/Dadih |  |  |  |  |  |  | 1 piece |  |  |

Subject Code:

| No | Food | Taken (yes/no) | Preparation method | Frequency |  |  |  | Household measurements | Portion taken | $\begin{gathered} \text { Extra } \\ \text { gravy } \\ (1 \text { Tbsp) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | per <br> day | per week | per month | rarely |  |  |  |
| Snacks \& Finger Foods |  |  |  |  |  |  |  |  |  |  |
| 88 | Muruku |  |  |  |  |  |  | 1 piece |  |  |
| 89 | Keropok (lkan/Prawn/Lekor) |  |  |  |  |  |  | 1 piece |  |  |
| 90 | Popiah |  | Fried |  |  |  |  | 1 piece |  |  |
|  |  |  | Basah |  |  |  |  | 1 piece |  |  |
| 91 | Dim sum |  | Fried |  |  |  |  | 1 piece |  |  |
|  |  |  | Steamed |  |  |  |  | 1 piece |  |  |
| 92 | Sushi |  |  |  |  |  |  | 1 piece |  |  |
| 93 | Sandwich (Egg/Chicken/Ham/Tuna) |  |  |  |  |  |  | 1 set (2 slices of bread) |  |  |
| 94 | Yong tau foo <br> (Lady finger/Bitter gourd/Brinjal/Chilli) |  | Fried |  |  |  |  | 1 piece |  |  |
|  |  |  | Boiled |  |  |  |  | 1 piece |  |  |
| 95 | Yong tau foo <br> (Tau hoo/Tau pok) |  | Fried |  |  |  |  | 1 piece |  |  |
|  |  |  | Boiled |  |  |  |  | 1 piece |  |  |
| 96 | Kebab (Beef/Chicken/Fish/Mutton) |  |  |  |  |  |  | 1 piece |  |  |
| Jam \& Spread |  |  |  |  |  |  |  |  |  |  |
| 97 | Butter |  |  |  |  |  |  | 1 teaspoon |  |  |
| 98 | Fruit jam (Pineapple/strawberry, etc.) |  |  |  |  |  |  | 1 teaspoon |  |  |
| 99 | Kaya |  |  |  |  |  |  | 1 teaspoon |  |  |
| 100 | Margarine |  | Salted |  |  |  |  | 1 teaspoon |  |  |
|  |  |  | Unsalted |  |  |  |  | 1 teaspoon |  |  |
|  | Beverages |  |  |  |  |  |  |  |  |  |
| A | Coffee/Tea |  |  |  |  |  |  |  |  |  |
| 101 | 'Tarik'/ 'C'/Canned/ milk |  |  |  |  |  |  | 1 glass |  |  |
| 102 | O (with sugar) |  |  |  |  |  |  | 1 glass |  |  |
| 103 | 3 in 1 |  |  |  |  |  |  | 1 sachet |  |  |
| 104 | 2 in 1 (with sugar only) |  |  |  |  |  |  | 1 sachet |  |  |
| 105 | With Non-dairy creamer |  |  |  |  |  |  | 1 glass |  |  |
| B | Malted Drink |  |  |  |  |  |  |  |  |  |
| 106 | Condensed milk/Sugar/Plain |  |  |  |  |  |  | 1 glass |  |  |
| 107 | 3 in 1 |  |  |  |  |  |  | 1 sachet |  |  |
| C | Other drinks |  |  |  |  |  |  |  |  |  |
| 108 | Cordial/Syrup |  |  |  |  |  |  | 1 glass |  |  |
| 109 | Fresh juice/Barley/Herbal drink |  |  |  |  |  |  | 1 glass |  |  |
| 110 | Sugar Sweetened Beverage (Soy bean milk, etc.) |  |  |  |  |  |  | 1 glass |  |  |
| 111 | Carbonated//sotonic drink (100 plus/coke, etc.) |  |  |  |  |  |  | 1 can |  |  |
| Sauces, Condiments \& Soups |  |  |  |  |  |  |  |  |  |  |
| 112 | Budu/Cincaluk |  |  |  |  |  |  | 1 tablespoon |  |  |
| 113 | Bottled Sauce (Chilli/Tomato) |  |  |  |  |  |  | 1 tablespoon |  |  |
| 114 | Coconut Chutney |  |  |  |  |  |  | 1 tablespoon |  |  |
| 115 | Tomato/Mint Chutney |  |  |  |  |  |  | 1 tablespoon |  |  |
| 116 | Sambal tumis |  |  |  |  |  |  | 1 tablespoon |  |  |
| 117 | Sambal belacan |  |  |  |  |  |  | 1 tablespoon |  |  |
| 118 | Soy sauce (Light/dark) |  |  |  |  |  |  | 1 tablespoon |  |  |
| 119 | Chilli (Pickled/Cutted/with soy sauce) |  |  |  |  |  |  | 1 tablespoon |  |  |

Subject Code:

| No. | Food | Taken (yes/no) | Preparation method | Frequency |  |  |  | Household measurements | Portion taken |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{aligned} & \text { per } \\ & \text { day } \end{aligned}$ | per week | per month | rarely |  |  |  |
| Sauces, Condiments \& Soups |  |  |  |  |  |  |  |  |  |  |
| 120 | Dhal/ Green gram |  | $\begin{gathered} \text { Curry } \\ \text { (Santan) } \\ \hline \end{gathered}$ |  |  |  |  | 1 tablespoon |  |  |
|  |  |  | Curry (No santan) |  |  |  |  | 1 tablespoon |  |  |
|  | Soup (only) |  |  |  |  |  |  |  |  |  |
| 121 | Clear soup (Herbal/Vegetable soup/Chicken/Fish/Fishball/Meatball, etc.) |  |  |  |  |  |  | 1 small bowl |  |  |
| Health / Oral Nutrition Supplements |  |  |  |  |  |  |  |  |  |  |
| 122 | Oral Nutrition Supplements; <br> Ready To Drink <br> (Please specify: |  |  |  |  |  |  | 1 bottle/packet |  |  |
| 123 | Oral Nutrition Supplements; Powder (Please specify: ) |  |  |  |  |  |  | 1 scoop/sachet |  |  |
|  | Others: |  |  |  |  |  |  |  |  |  |

Table S6: Snapshot of the HD-FFQ Form

Table S7: Identification of misreporters according to EI: BMR Category

| EI:BMR Category | 3DDR (n=152) | HD-FFQ (n=152) |
| :--- | :---: | :---: |
| Under-reporter | $16(11 \%)$ | $11(7 \%)$ |
| Acceptable-reporter | $136(89 \%)$ | $133(88 \%)$ |
| Over-reporter | - | $8(5 \%)$ |

Note: Data are presented as number and percentage; $n(\%)$.
Abbreviations: EI: BMR: Energy Intake: Basal Metabolic Rate, 3DDR: 3-Day Diet Recalls, HD-FFQ: Hemodialysis Food Frequency Questionnaire

